

**ECLA****EUROPEAN CLASSIFICATION****E05B****LOCKS; ACCESSORIES THEREFOR; HANDCUFFS**

[N: **WARNING** [M1207]

Groups [E05B77/00](#) to [E05B85/28](#) do not correspond to former or current IPC groups. Concordance ECLA : IPC for these groups is as follows: - [E05B77/00](#) to [E05B85/28](#) : [E05B65/12](#)

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**Guide heading:****Parts of locks or the like mountable on or in wings****E05B1/00**

**Knobs or handles for wings** ([N: specially adapted for vehicle doors [E05B85/10](#)]; for furniture [A47B95/02](#)); **Knobs, handles or press buttons for locks or latches on wings** ([E05B5/00](#), [E05B7/00](#) take precedence) [N1205]

**E05B1/00A**

- [N: Knobs ([E05B1/00B](#), [E05B1/00E](#), [E05B1/00F](#), [E05B1/00G](#) take precedence)]

**E05B1/00B**

- [N: Knobs or handles which do not operate the bolt or lock, e.g. non-movable; Mounting thereof]

**E05B1/00C**

- [N: Handles pivoted about an axis perpendicular to the wing ([E05B3/00](#), [E05B5/00](#), [E05B13/10E](#) take precedence)]

**E05B1/00D**

- [N: Sliding handles, e.g. push buttons ([E05B13/10D](#) takes precedence)]

**E05B1/00D2**

- [N: sliding parallel to the plane of the wing] [N1205]

**E05B1/00E**

- [N: Handles or handle attachments facilitating operation, e.g. by children or burdened persons (**foot-operation** [E05B53/00B](#))]

**E05B1/00F**

- [N: Knobs or handles with protective cover, buffer or shock absorber]

**E05B1/00G**

- [N: Sanitary doorknobs or handles, e.g. comprising a disinfectant] [N1205]

**E05B1/00S**

- [N: Handles or knobs with displays, signs, labels pictures, or the like (displays on locks [E05B17/22D](#); displays on keys [E05B19/00S](#))] [N1205]

**E05B1/00T**

- [N: Moving otherwise than only rectilinearly or only rotatively ([E05B5/00B](#) takes precedence)]

**E05B1/04**

- with inner rigid member and outer cover or covers

**E05B1/06**

- of sheet material

**E05B3/00**

**Fastening [N: knobs or] handles to lock or latch parts [N: ([E05B79/06](#) takes precedence)]** [N1205]

**E05B3/00C**

- [N: Fastening knobs or handles to hollow cylindrical spindles, e.g. of tubular locks] [N1205]

- E05B3/02 . Fastening [N: knobs or] handles to the spindle by pinning or riveting [N: (E05B3/10 takes precedence)] [N1205]
- E05B3/04 . Fastening [N: the knob or] the handle shank to the spindle by screws, springs or snap bolts [N: (E05B3/10 takes precedence)] [N1205]
- E05B3/06 . by means arranged in or on the rose [N: or escutcheon]
- E05B3/06S . . [N: with spring biasing means for moving the handle over a substantial distance, e.g. to its horizontal position] [N1205]
- E05B3/08 . Fastening the spindle to the follower
- E05B3/10 . by a bipartite or cleft spindle in the follower or in the handle shank
- E05B5/00** **Handles completely let into the surface of the wing [N: (E05B85/10 takes precedence)] [N1205]**
- E05B5/00B . [N: Pop-out handles, e.g. sliding outwardly before rotation]
- E05B5/00C . [N: essentially defining a completely closed surface together with the wing] [N1205]
- E05B7/00** **Handles pivoted about an axis parallel to the wing (E05B5/00, [N: E05B85/14] take precedence; [N: combined with bolt movement E05C1/00, E05C3/00]) [N1205]**
- E05B9/00** **Lock or latch-mechanism casings; [N: Fastening locks or fasteners or parts thereof to the wing] (padlock casings E05B67/02; [N: E05B85/02 takes precedence]) [N1205]**
- E05B9/00B . [N: Faceplates or front plates (E05C9/00B takes precedence)]
- E05B9/02 . [N: Casings] of latch-bolt [N: or deadbolt] locks [N1205]
- E05B9/04 . [N: Casings] of cylinder locks [N: (details specific for pin or ball tumbler cylinder locks E05B27/00A2; details specific for plate tumbler cylinder locks E05B29/00A2)] [N1205]
- E05B9/04B . . [N: Double cylinder locks (E05B9/04C, E05B9/04R take precedence)] [N0812]
- E05B9/04B1 . . . [N: Stators consisting of multiple parts being assembled together (E05B9/04C takes precedence)] [N0812]
- E05B9/04C . . [N: Modular casings for adjusting the length of cylinder locks] [N0311]
- E05B9/04R . . [N: Stator reinforcements (for drill protection E05B15/16B)] [N1205]
- E05B9/08 . Fastening [N: locks or fasteners or parts thereof, e.g.] the casings of latch-bolt locks or cylinder locks to the wing [N: (on glass wings E05B65/00H)]
- E05B9/08B . . [N: with concealed screws]
- E05B9/08C . . [N: Fastening of lock cylinders, plugs or cores]
- E05B9/08C2 . . . [N: Fastening of rotors, plugs or cores to an outer stator] [N1205]
- E05B9/08C2A . . . . [N: Means for preventing loss of tumblers during mounting or removal] [N1205]
- E05B9/10 . Coupling devices for the two halves of double cylinder locks [N: e.g. devices for coupling the rotor with the locking cam (E05B47/06C takes precedence)] [C0812]

- E05B9/10B
  - [N: including disengagement means, e.g. opening from one side being still possible even if the key is inserted from the other side] [N0812]
- E05B11/00**
**Devices preventing keys from being removed from the lock; [N: Devices preventing falling or pushing out of keys (preventing turning of the key [E05B13/00](#); keyhole guards [E05B17/14](#); [E05B35/08C](#) takes precedence)]**
- E05B11/00B
  - [N: by key modifications or attachments, e.g. excentric centre of gravity]
- E05B11/02
  - before the wing is locked
- E05B11/04
  - before the wing is closed
- E05B11/06
  - for catching skeleton or incorrect keys
- E05B13/00**
**Devices preventing the key or the handle or both from being used [N: (covers or guards for keyholes [E05B17/14](#))] [N1205]**
- E05B13/00B
  - [N: Covers preventing access to handles or keys] [N1205]
- E05B13/00C
  - [N: locking the handle ([E05B13/10](#), [E05B47/06D](#) take precedence)] [N1205]
- E05B13/00C2
  - [N: by locking the spindle, follower, or the like]
- E05B13/00D
  - [N: Disconnecting the handle ([E05B13/10B](#), [E05B47/06E](#), [E05B55/06](#) take precedence)]
- E05B13/00F
  - [N: Handles which are locked or blocked in the open position] [N1205]
- E05B13/00H
  - [N: A single handle being used for actuation of several wings, e.g. simultaneously] [N1205]
- E05B13/04
  - shaped as fork-like implements grasping and fixing the key [N: or a handle, e.g. a thumb-turn] [N1205]
- E05B13/10
  - formed by a lock arranged in the handle
- E05B13/10B
  - [N: for disconnecting the handle ([E05B13/10C](#), [E05B13/10D](#) take precedence)]
- E05B13/10C
  - [N: Combination lock]
- E05B13/10D
  - [N: the handle being a pushbutton ([E05B13/10C](#) takes precedence)]
- E05B13/10E
  - [N: for handles pivoted about an axis perpendicular to the wing ([E05B13/10B](#), [E05B13/10C](#), [E05B13/10D](#) take precedence)]
- E05B13/10E2
  - [N: the lock coaxial with spindle]
- E05B15/00**
**Other details of locks; Parts for engagement by bolts of fastening devices (fastening devices for wings other than locks or associated with locks [E05C](#))**
- E05B15/00A
  - [N: Devices for aligning wing and frame; Anti-rattling devices (for vehicle doors [E05B83/367](#))] [N1205]
- E05B15/00C
  - [N: Followers; Bearings therefor]

- E05B15/00E . [N: Energy storage by movement of wing]
- E05B15/00G . [N: Adaptors cooperating with and acting on keys inserted in an existing lock, e.g. for transformation of a key actuated lock to handle actuation] [N1205]
- E05B15/00K . [N: Spindles for handles, e.g. square spindles] [N1205]
- E05B15/00L . [N: Lost motion connections]
- E05B15/00R . [N: Ratchet mechanisms]
- E05B15/00S . [N: means providing a stable, i.e. indexed, position of lock parts] [N1205]
- E05B15/00S2 . . [N: Spring-biased ball or roller entering a notch] [N1205]
- E05B15/00S8 . . [N: magnetically operated] [N1205]
- E05B15/00S10 . . [N: friction type] [N1205]
- E05B15/00T . [N: Toggle levers (toggle fasteners [E05C19/14](#))]
- E05B15/00W . [N: Weight arrangements in locks; gravity activated lock parts (E05B65/52G, E05B77/06 take precedence)] [N1205]
- E05B15/02 . Striking-plates; Keepers; Bolt staples; Escutcheons[N: (keyhole finders[E05B15/08](#); escutcheons made of hard materials[E05B15/16B](#); finger-plates[E06B7/28F](#))]
- E05B15/02E . . [N: Striking-plates, keepers, staples (means for reducing friction [E05B17/00N](#); electric strikers [E05B47/00C](#); staples for padlocks [E05B67/38B](#); strikers for espagnolettes [E05C9/18A](#))] [C9702]
- E05B15/02E1 . . . [N: Strikers having multiple positions for the bolt]
- E05B15/02E2 . . . [N: movable, resilient or yieldable (adjustable into different discrete positions E05B15/02E4; yieldable striker for emergency opening E05B65/10C2)] [N1205]
- E05B15/02E2B . . . . [N: Resilient block type, e.g. made from rubber]
- E05B15/02E4 . . . [N: adjustable]
- E05B15/02E4A . . . . [N: Movable elements held by friction, cooperating teeth, or the like]
- E05B15/02E4B . . . . [N: the striker being movable by a screw/nut]
- E05B15/02E4C . . . . [N: Deformable element]
- E05B15/02E6 . . . [N: Closures, e.g. preventing dirt or paint from entering into the striker]
- E05B15/02E8 . . . [N: specially adapted for forked or bifurcated bolts (for vehicles E05B85/045)] [N1205]
- E05B15/04 . Spring arrangements in locks [N: ([E05B3/06S](#), [E05B15/10A](#), [E05B15/14B](#), [E05C19/06](#) take precedence)]
- E05B15/06 . Lock wards
- E05B15/08 . Key guides; Key pins [N: Keyholes; Keyhole finders ([E05B17/10](#) takes precedence)]
- E05B15/10 . Bolts of locks or night latches [N: (made of hard materials e.g. to prevent sawing E05B15/16B; lengthwise adjustable E05B63/06)] [N1205]
- E05B15/10A . . [N: Spring-retracted bolts]
- E05B15/10B . . [N: Bolts having movable elements ([E05B23/00](#) takes precedence)]

- E05B15/10B2 . . . [N: Movable key-operated elements ("Schluesselangriff")]
- E05B15/10M . . [N: Bolts with multiple head ([E05B65/00S](#) takes precedence)] [C9606]
- E05B15/14 . Tumblers
- E05B15/14B . . [N: elastic, e.g. formed by a spring]
- E05B15/16 . Use of special materials for parts of locks (for handles [E05B1/00](#)) [N: for reducing friction [E05B17/00N](#); for keys [E05B19/26](#)]
- E05B15/16A . . [N: Adhesive]
- E05B15/16B . . [N: of hard materials, to prevent drilling ([E05B67/04](#), [E05B67/38](#) take precedence)]
- E05B15/16B2 . . . [N: Hardened bolts, or bolts with hardened inserts]
- E05B15/16C . . [N: of plastics materials ([springs](#) [E05B15/04](#))]
- E05B17/00** **Accessories in connection with locks** (buffers [E05F5/00](#); means for preventing rattling of wings [E05F7/04](#); means for taking the weight of the wing [E05F7/06](#))
- E05B17/00B . [N: Lock assembling or manufacturing ([making locksmith's goods of sheet metal](#) [B21D53/38](#); [assembling in general](#) [B23P21/00](#))]
- E05B17/00B2 . . [N: Lock parts made by extrusion process] [N1205]
- E05B17/00C . [N: for lock parts held in place before or during mounting on the wing]
- E05B17/00D . [N: Defrosting, e.g. heating devices]
- E05B17/00F . [N: Weather or dirt protection (E05B15/02E6, E05B17/14 take precedence; for vehicle locks E05B77/34)] [N1205]
- E05B17/00H . [N: Devices for forcing the wing firmly against its seat or to initiate the opening of the wing (E05B15/02E2, E05B65/08B2, E05B81/20, E05C19/14 take precedence) [N1205]
- E05B17/00H2 . . [N: motor-operated (for vehicles E05B81/20)] [N1205]
- E05B17/00H4 . . [N: for opening only ([E05B17/00H2](#) takes precedence)]
- E05B17/00H4B . . . [N: Spring-operated]
- E05B17/00J . [N: Damping means (for vehicles E05B77/42; time locks with retarders E05B43/00)] [N1205]
- E05B17/00K . [N: Silencing devices; Noise reduction (resilient strikers E05B15/02E2; for vehicles E05B77/36)] [N1205]
- E05B17/00L . [N: Preventing accidental lock-out, e.g. by obstruction in the striker ([securing the bolt in the retracted position](#) [E05B63/18](#); [stops and buffers preventing the slamming of wings](#) [E05F5/02](#))]
- E05B17/00M . [N: Friction or shear lines; Slip-clutches, resilient parts or the like for preventing damage when forced or slammed] [C0201]
- E05B17/00M1 . . [N: with non-destructive disengagement (E05B17/04N2 takes precedence)] [N1205]
- E05B17/00M2 . . [N: with destructive disengagement] [N9610]
- E05B17/00M2H . . . [N: Handles with destructible elements] [N1205]

- E05B17/00N . [N: Devices for reducing friction between lock parts ([E05B17/08](#) takes precedence)]
- E05B17/00P . [N: Insulating, e.g. for limiting heat transfer; Increasing fire-resistance of locks]
- E05B17/00S . [N: Locks with audio features (E05B45/00 takes precedence)] [N1205]
- E05B17/00S1 . . [N: Sound emitting devices, e.g. loudspeakers] [N1205]
- E05B17/00S2 . . [N: Sound receiving devices, e.g. microphones] [N1205]
- E05B17/00T . [N: including protruding or recessed symbols in a surface for tactile indication/information, e.g. Braille symbols] [N1205]
- E05B17/04 . [N: Devices for coupling the turning cylinder of a single or a double cylinder lock with the bolt operating member] [N1205]
- E05B17/04B . . [N: Coupling device with a shaft projecting axially rearwardly from the cylinder, e.g. affording a degree of universal motion to compensate for misalignment]
- E05B17/04C . . [N: using toothed wheels or geared sectors (E05C9/02A2, E05C9/04A2 take precedence)] [N1205]
- E05B17/04N . . [N: Clutches, disengageable couplings] [N1205]
- E05B17/04N2 . . . [N: for keeping the rotor disconnected from the bolt actuating member, when being turned, e.g. forcefully, without the proper key] [N1205]
- E05B17/04N4 . . . [N: disengaged manually from inside] [N1205]
- E05B17/04S . . [N: with rotating output elements forming part of cylinder locks, e.g. locking cams of double cylinder locks] [N1205]
- E05B17/04T . . [N: with sliding output elements forming part of cylinder locks, e.g. in the form of pins or cams] [N1205]
- E05B17/04T1 . . . [N: sliding essentially in the axial direction of the cylinder lock] [N1205]
- E05B17/06 . [N: Templates for marking the position of apertures in fittings of wings [N: or frames; Apparatus for installation of a lockset (drill jigs B23B47/28; mortised work B27F5/12; templates for hinges E05D11/00B)] [N1205]
- E05B17/08 . Lubricating devices
- E05B17/10 . Illuminating devices on or for locks or keys; [N: Transparent or translucent lock parts; Indicator lights]
- E05B17/10B . . [N: on keys ([E05B17/10F](#) takes precedence; attached to key rings [A44B15/00C](#); on key bags or wallets [A45C11/32](#))]
- E05B17/10F . . [N: fluorescent]
- E05B17/12 . Devices for removing keys stuck in the lock
- E05B17/14 . Closures or guards for keyholes [N: (for vehicle ignition or steering lock [B60R25/00H](#))]
- E05B17/14B . . [N: with key-operated locks, e.g. padlocks]
- E05B17/14C . . [N: with combination lock]
- E05B17/14E . . [N: electrically-operated]
- E05B17/16 . . shaped as pins or key bits [N: [E05B17/14C](#) takes precedence]
- E05B17/18 . . shaped as lids or slides [N: [E05B17/14B](#), [E05B17/14C](#), [E05B17/14E](#) take precedence]
- E05B17/18B . . . [N: pivoting inwardly]

|                |  |
|----------------|--|
| E05B17/18C     | . . . [N: pivoting outwardly]  |
| E05B17/18D     | . . . [N: pivoting about an axis perpendicular to the lock face]   |
| E05B17/18E     | . . . [N: sliding]   |
| E05B17/18F     | . . . [N: flexible]  |
| E05B17/20      | . Means independent of the locking mechanism, [N: i.e. other than the tumblers or detents] for preventing unauthorised opening, e.g. for securing the bolt in the fastening position [N: (E05B63/12 takes precedence)] [N1205] |
| E05B17/20B     | . . [N: Preventing opening by insertion of a tool, e.g. flexible, between door and jamb to withdraw the bolt]  |
| E05B17/20D     | . . [N: Securing, deadlocking or "dogging" the bolt in the fastening position ( <a href="#">E05B15/00R</a> , <a href="#">E05B15/00T</a> , <a href="#">E05B67/38B</a> take precedence)]   |
| E05B17/20D2    | . . . [N: using balls or the like cooperating with notches ( <a href="#">E05B63/12B</a> takes precedence)]   |
| E05B17/20D3    | . . . [N: with wedging action]   |
| E05B17/20D4    | . . . [N: elastic, i.e. the dog or detent being formed or carried by a spring] [N1205]   |
| E05B17/20D5    | . . . [N: Loose pins, screws, or the like; Portable devices]   |
| E05B17/20D10   | . . . [N: automatic, i.e. actuated by a closed door position sensor] [N1205]   |
| E05B17/20D21   | . . . [N: not following the movement of the bolt]  |
| E05B17/20D21R  | . . . . [N: moving pivotally or rotatively]  |
| E05B17/20D21S  | . . . . [N: moving rectilinearly]  |
| E05B17/20D21T  | . . . . [N: moving otherwise than only rectilinearly and only pivotally or rotatively]   |
| E05B17/20D21T2 | . . . . . [N: performing both movements simultaneously, e.g. screwing]   |
| E05B17/20D23   | . . . [N: following the movement of the bolt]  |
| E05B17/20D23R  | . . . . [N: moving pivotally or rotatively relating to the bolt]   |
| E05B17/20D23S  | . . . . [N: moving rectilinearly relating to the bolt]   |
| E05B17/20D23T  | . . . . [N: moving otherwise than only rectilinearly and only pivotally or rotatively relating to the bolt]  |
| E05B17/20D23T2 | . . . . . [N: performing both movements simultaneously, e.g. screwing]   |
| E05B17/20D31   | . . . [N: by means of an additional dogging movement of a sliding bolt]  |
| E05B17/20D31R  | . . . . [N: pivotally or rotatively]   |
| E05B17/20D31R2 | . . . . . [N: about an axis parallel to its sliding movement]  |
| E05B17/20D33   | . . . [N: by means of an additional dogging movement of a rotary bolt]   |
| E05B17/20G     | . . [N: Means to prevent forced opening by attack, tampering or jimmying ( <a href="#">E05B15/16B</a> takes precedence; for ignition or steering locks <a href="#">B60R25/00H</a> )]   |
| E05B17/20G2    | . . . [N: Means to prevent disengagement of lock and keeper ( <a href="#">E05B63/12</a> takes precedence)]   |
| E05B17/20G4    | . . . [N: Means responsive to tampering or attack providing additional locking (for safes <a href="#">E05B65/00S4</a> )]   |
| E05B17/22      | . Means for operating or controlling lock or fastening device accessories, i.e. other than the fastening members, e.g. switches, indicators [N: (E05B39/00 to E05B45/00 take precedence)] [N1205]                              |
| E05B17/22A     | . . [N: preventing lock actuation after detection of drug use, e.g. alcohol consumption] [N1205]   |
| E05B17/22D     | . . [N: Displays on locks, e.g. LED or LCD screens (on handles E05B1/00S; on keys E05B19/00S)] [N1205]   |



- E05B19/00**      **Keys; Accessories therefor (making keys, see the relevant places e.g. B21D53/42 [N: or B23P15/00D]; milling grooves in keys B23C3/35); [N: (E05B11/00B takes precedence; illuminating devices E05B17/10B; key rings A44B15/00; key cases A45C11/32; key holders A47G29/10)] [N1205]**
- E05B19/00B**      .    **[N: Key safes ([E05B35/08C](#) takes precedence)]**
- E05B19/00D**      .    [N: Key decoders (general measuring of contours and curvatures G01B3/14, G01B5/20, G01B7/28)] **[N1205]**
- E05B19/00K**      .    **[N: Key profiles] [N9705]**
- E05B19/00K1**      .    .    [N: characterized by variation of the contact surface between the key and the tumbler pins or plates] **[N1205]**
- E05B19/00K2**      .    .    [N: characterized by varying cross-sections of different keys within a lock system (cross-sections of single keys E05B19/00K4)] **[N1205]**
- E05B19/00K3**      .    .    [N: characterized by longitudinal bit variations ] **[N1205]**
- E05B19/00K4**      .    .    [N: characterized by the cross-section of the key blade in a plane perpendicular to the longitudinal axis of the key] **[N1205]**
- E05B19/00K4C**      .    .    .    [N: with substantially circular or star-shape cross-section] **[N1205]**
- E05B19/00K4M**      .    .    .    [N: Rectangular flat keys] **[N1205]**
- E05B19/00K4M1**      .    .    .    .    [N: with key bits on at least one wide side surface of the key] **[N1205]**
- E05B19/00K4M1A**      .    .    .    .    .    [N: and with additional key bits on at least one narrow side edge of the key] **[N1205]**
- E05B19/00K4U**      .    .    .    [N: with U- or V-shaped cross-section] **[N1205]**
- E05B19/00K5**      .    .    [N: Keys with a curved longitudinal axis] **[N1205]**
- E05B19/00R**      .    [N: Keys or shanks being removably stored in a larger object, e.g. a remote control or a key fob (general constructional details of electronic keys G07C9/00E22)] **[N1205]**
- E05B19/00S**      .    [N: Displays on keys, e.g. LED or LCD screens] **[N1205]**
- E05B19/00T**      .    [N: protruding elements on the key preventing unauthorized insertion into the keyhole] **[N1205]**
- E05B19/04**      .    Construction of the bow **[N: or head]** of the key; Attaching the bow to the shank
- E05B19/04P**      .    .    **[N: the shank being pivotably mounted on the bow, e.g. for storage] [N0311]**
- E05B19/04S**      .    .    **[N: the shank being slidably mounted on the bow, e.g. for storage] [N0311]**
- E05B19/14**      .    Double**[N: or multiple]**keys, [N: e.g. with two or more bows or bits([see also E05B35/14](#))]
- E05B19/18**      .    Keys adjustable before use
- E05B19/20**      .    Skeleton keys; Devices for picking locks; Other devices for similar purposes; **[N: Means to open locks not otherwise provided for, e.g. lock pullers ([forcing doors open A62B3/00B](#))]**
- E05B19/20D**      .    .    **[N: Lock decoders]**
- E05B19/22**      .    Keys with devices for indicating whether the last operation was locking or unlocking



- E05B19/24 . Key distinguishing marks [N: (fluorescent E05B17/10F)]
- E05B19/26 . Use of special materials for keys [N: (fluorescent E05B17/10F; magnets E05B47/00B)]
- Guide heading:** **Locks with rotary keys moving lamelliform tublers perpendicular to the key**
- E05B21/00** **Locks with [N: lamelliform] tumblers [N: which are not set by the insertion of the key and which are] not following the movement of the bolt [N: , e.g. Chubb-locks] [N1205]**
- E05B21/00D . [N: comprising tumblers moving in opposite directions, e.g. tumbler sets on opposite sides of the keyhole for operation by a double-bit key] [N1205]
- E05B21/00T . [N: the bolt being operated by other means than the key bit, e.g. via a key-operated thrower] [N1205]
- E05B21/06 . Cylinder locks, e.g. Protector locks
- E05B21/06A . . [N: of the sliding-plate tumbler type]
- E05B21/06B . . [N: of the rotary-disc tumbler type (tumblers which are set by inserting the key E05B29/00D)] [N1205]
- E05B23/00** **Locks with [N: lamelliform] tumblers [N: which are not set by the insertion of the key and which are] following the movement of the bolt [N1205]**
- E05B27/00** **Cylinder locks [N: and other locks] with tumbler pins which are set by pushing the key in [N: (fastening of cylinders, rotors, plugs or cores E05B9/08C; with magnetic tumblers E05B47/00B7; with electromagnetic control E05B47/06C) ] [N1205]**
- E05B27/00A . [N: Details] [N1205]
- E05B27/00A1 . . [N: Rotors]
- E05B27/00A1B . . . [N: having relatively movable parts, e.g. coaxial- or split-plugs (for anti-picking purposes E05B27/00P9)] [N1205]
- E05B27/00A2 . . [N: Stators (cylinder lock casings in general E05B9/04)] [N1205]
- E05B27/00A3 . . [N: Tumblers or pins]
- E05B27/00A3B . . . [N: having movable parts]
- E05B27/00B . [N: Other locks than cylinder locks with tumbler pins or balls] [N1207]
- E05B27/00C . [N: with both axially and radially arranged tumbler pins or balls]
- E05B27/00D . [N: with indirectly actuated tumblers]
- E05B27/00E . [N: with pins which slide and rotate about their axis]
- E05B27/00F . [N: with additional key identifying function, e.g. with use of additional key operated rotor-blocking elements, not of split pin tumbler type (E05B27/00R takes precedence)] [N9705]
- E05B27/00G . [N: Axially movable rotor] [N1205]

- E05B27/00K . [N: with changeable combinations]
- E05B27/00M . [N: for use with more than one key, e.g. master-slave key (master key systems in general E05B35/10)] [N1205]
- E05B27/00P . [N: with increased picking resistance] [N1205]
- E05B27/00P1 . . [N: whereby a small rotation without the correct key blocks further rotation of the rotor (E05B27/00P3 takes precedence)] [N1205]
- E05B27/00P1A . . . [N: whereby the rotor is irreversibly blocked or can only be moved back with an authorized tool or key] [N1205]
- E05B27/00P3 . . [N: whereby a small rotation without the correct key blocks further movement of a tumbler (E05B27/00S takes precedence)] [N1205]
- E05B27/00P5 . . [N: by means preventing opening by using the bump-technique] [N1205]
- E05B27/00P9 . . [N: by movable rotor elements] [N1205]
- E05B27/00R . [N: Asymmetrical tumbler pins, e.g. with a key operating on a radial protrusion of a tumbler pin] [N9705]
- E05B27/00S . [N: Side bar locking] [N1205]
- E05B27/00W . [N: wherein the key can be inserted or withdrawn in different positions or directions (in general E05B63/00K)] [N1205]
- E05B27/00W1 . . [N: wherein the key can be withdrawn in several angular positions] [N1205]
- E05B27/00W3 . . [N: wherein the key can be inserted from both sides of the lock] [N1205]
- E05B27/00W5 . . [N: reversible keys] [N1205]
- E05B27/02 . Operated by the edge of the key [N1205]
- E05B27/08 . . arranged axially
- E05B27/08B . . . [N: of the split-pin tumbler type]
- E05B27/08C . . . [N: of the bar-tumbler type, the bars having slots or protrusions in alignment upon opening the lock]
- E05B29/00** **Cylinder locks [N: and other locks] with plate tumblers which are set by pushing the key in [N: (fastening of cylinders, rotors, plugs or cores E05B9/08C; with magnetic tumblers E05B47/00B7; with electromagnetic control E05B47/06C)] [N1205]**
- E05B29/00B . [N: Other locks than cylinder locks with plate tumblers] [N1205]
- E05B29/00D . [N: with rotating plate tumblers (E05B29/00F takes precedence; plate tumblers which are not set by inserting the key E05B21/06)] [N1205]
- E05B29/00D2 . . [N: rotating about an axis perpendicular to the key axis]
- E05B29/00E . [N: with longitudinally movable cylinder]
- E05B29/00F . [N: with floating plate tumblers, i.e. sliding or sliding and rotating in a plane]
- E05B29/00K . [N: with changeable combinations]
- E05B29/00M . [N: for use with more than one key, e.g. master-slave key (master key systems in

|                  |  |
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|                  | general E05B35/10)] [N1205]  |
| E05B29/00P       | . [N: with increased picking resistance] [N1205]   |
| E05B29/00P1      | . . [N: by movable rotor elements] [N1205]   |
| E05B29/00S       | . [N: Side bar locking] [N1205]  |
| E05B29/00W       | . [N: wherein the key can be inserted or withdrawn in different positions or directions (in general E05B63/00K)] [N1205]                             |
| E05B29/00W1      | . . [N: wherein the key can be withdrawn in several angular positions] [N1205]   |
| E05B29/00W3      | . . [N: wherein the key can be inserted from both sides of the lock] [N1205]   |
| E05B29/00W5      | . . [N: reversible keys] [N1205]   |
| <b>E05B31/00</b> | <b>Cylinder locks with both tumbler pins or balls and plate tumblers</b>   |
| <b>E05B33/00</b> | <b>Cylinder locks in which the bolt is moved by means other than the key</b>   |
| <b>E05B35/00</b> | <b>Locks for use with special keys or a plurality of keys; [N: keys therefor] [N1205]</b>  |
| E05B35/00B       | . [N: with key identifying function]   |
| E05B35/00E       | . [N: for flexible keys]   |
| E05B35/00F       | . [N: for keys with movable bits (keys adjustable before use E05B19/18)]   |
| E05B35/00F2      | . . [N: pivoting about an axis perpendicular to the main key axis]   |
| E05B35/00F3      | . . [N: pivoting about an axis parallel to the main key axis]  |
| E05B35/00G       | . [N: for rack- or pinion-like keys]   |
| E05B35/00H       | . [N: the key being a card, e.g. perforated, or the like (E05B47/00B9 takes precedence)] [N1205]   |
| E05B35/00J       | . [N: for simple tool-like keys]   |
| E05B35/02        | . which can be shifted laterally [N: or rotated about an axis perpendicular to the key axis]   |
| E05B35/06        | . for screw keys   |
| E05B35/08        | . operable by a plurality of keys  |
| E05B35/08B       | . . [N: with changeable combination (E05B35/12C takes precedence; for cylinder locks E05B27/00K, E05B29/00K)]  |
| E05B35/08C       | . . [N: using a pair of interlocked keys, one of the keys being non-removable; key-storing devices from which only one key can be removed at a time] |
| E05B35/10        | . . with master and pass keys [N: (for cylinder locks E05B27/00M)] [C9705]   |
| E05B35/10T       | . . . [N: Locks allowing opening by official authorities, e.g. master key opening of luggage locks by customs officials] [N1205]                     |

- E05B35/12 . . requiring the use of two keys, e.g. safe-deposit locks (locks with key-operated keyhole cover [E05B17/14B](#))
- E05B35/12C . . . [N: with changeable combination]
- E05B35/14 . with keys of which different parts operate separate mechanisms [N: [E05B35/00F](#) takes precedence]
  
- E05B37/00** **Permutation [N: or combination] locks ([N: handles with combination locks E05B13/10C; keyhole guards with combination locks E05B17/14C; alarms therefor E05B45/06C]; electric permutation locks E05B49/00; [N: for container closures B65D55/14B; combination switches H01H27/10]); Puzzle locks [N1205]**
  
- E05B37/00A . [N: preventing detection of the combination] [N1205]
- E05B37/00A1 . . [N: by avoiding unauthorized viewing of the combination] [N1205]
- E05B37/00A2 . . [N: through listening or feeling] [N1205]
- E05B37/00A2B . . . [N: by producing noise] [N1205]
- E05B37/00A2C . . . [N: by producing false clicks; by use of false gates] [N1205]
- E05B37/00A3 . . [N: Speed sensors] [N1205]
- E05B37/00A8 . . [N: limited number of tries] [N1205]
  
- E05B37/00B . [N: X-ray protection]
  
- E05B37/00C . [N: Locks with both permutation and key actuation ([E05B17/14C](#) takes precedence)]
- E05B37/00C2 . . [N: actuated by either]
- E05B37/00C3 . . [N: with a key requiring successive operations, e.g. different mechanisms in a predetermined order ([E05B35/00F](#) takes precedence)]
- E05B37/00C4 . . [N: Key actuation allowing recovery of a lost/forgotten combination] [N1205]
  
- E05B37/00D . [N: with telephone-type dial]
  
- E05B37/00G . [N: with changeable combination] [N1205]
- E05B37/00G1 . . [N: by moving pins to another hole] [N1205]
- E05B37/00G2 . . [N: by radial disengagement between hub and rim of tumbler discs or rings] [N1205]
- E05B37/00G3 . . [N: by axial disengagement between hub and rim of tumbler discs or rings] [N1205]
  
- E05B37/00H . [N: Operation by feeling, e.g. in darkness using Braille signs] [N1205]
  
- E05B37/00M . [N: Master combination] [N1205]
  
- E05B37/00P . [N: in padlocks ([E05B37/02B](#), [E05B37/06](#), [E05B37/10](#) and [E05B37/14](#) take precedence)]
  
- E05B37/00S . [N: Sign-, picture- or letter-based permutations] [N1205]
  
- E05B37/00T . [N: Automatic scrambling] [N1205]
- E05B37/00T1 . . [N: when unlocking] [N1205]
- E05B37/00T3 . . [N: when locking] [N1205]

- E05B37/00T5 . . [N: when the wing is opened] [N1205]
- E05B37/00T7 . . [N: when the wing is closed] [N1205]
- E05B37/00T9 . . [N: Obligatory manual scrambling] [N1205]
- E05B37/00V . [N: with tumbler discs arranged on concentric axes, each axis being operated by a different rotating knob] [N1205]
- E05B37/02 . with tumbler discs or rings arranged on a single axis, each disc being adjustable independently of the others
- E05B37/02B . . [N: in padlocks]
- E05B37/04 . with tumbler discs on a single axis, all the discs being adjustable by rotating a shiftable knob
- E05B37/08 . with tumbler discs on a single axis, all the discs being adjustable by a rotary knob which is not shifted [N: for adjusting the discs ([E05B37/00D](#) takes precedence)]
- E05B37/10 . . in padlocks
- E05B37/12 . with tumbler discs on several axes
- E05B37/14 . . in padlocks
- E05B37/16 . with two or more push or pull knobs, slides, or the like[N: ([E05B65/46B](#) takes precedence)][C9606]
- E05B37/16B . . [N: the knobs being pushed in a prescribed sequence]
- E05B37/16C . . [N: each knob being pushed a predetermined number of times ([E05B37/16B](#) takes precedence)]
- E05B37/20 . Puzzle locks, [N: e.g. of labyrinth type; Fasteners with hidden or secret actuating mechanisms]

**Guide heading:** **Locks with indicating or timing devices**

- E05B39/00** **Locks giving indication of [N: authorised] or unauthorised unlocking [N: (with key identification means E05B35/00B; alarm locks E05B45/00)] [N1205]**
- E05B39/00B . [N: by releasing a liquid, e.g. ill-smelling or dye] [N1205]
- E05B39/00T . [N: Locks with means for tracking the location of locked items, e.g. freight containers] [N1205]
- E05B39/00V . [N: Indication by a tactile impulse to the user, e.g. vibration of a lock-, handle- or key-part] [N1205]
- E05B39/02 . with destructible seal closures or paper closures ([seals per se G09F3/00](#))
- E05B39/02G . . [N: with fracturable glass or the like, e.g. for emergency exits]
- E05B39/04 . with counting or registering devices [N: ([time recording locks G07C1/32](#))]
- E05B41/00** **Locks with visible indication as to whether the lock is locked or unlocked [N: (indicator lights E05B17/10)] [N1205]**

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| <b>E05B43/00</b>      | <b>Time locks, [N: e.g. locks with delaying means] (clocks or clock mechanisms with attached or built-in means operating any device at preselected times or after a predetermined time interval G04B23/00 [N: time recording locks G07C1/32]) [N1205]</b>   |
| E05B43/00E            | . [N: Timer devices controlling electrically operated locks] [N1205]  |
| <b>E05B45/00</b>      | <b>Alarms locks (alarm devices actuated by tampering with fastenings, in general G08B; [N: vehicle fittings actuating a signalling device B60R25/10; bicycle appliances indicating unauthorised use B62H5/20])</b>  |
| E05B45/00C            | . [N: Chain-locks, cable-locks or padlocks with alarms] [N1205]   |
| E05B45/02             | . with mechanically-operated bells  |
| E05B45/04             | . with detonating alarm devices [N: (detonating alarm devices in general G08B3/14, G08B13/06)] [C9606]  |
| E05B45/06             | . Electric alarm locks [N: (E05B45/00C takes precedence)] [N1205]   |
| E05B45/06B            | . . [N: for preventing of leaving the key (key ejection E05B63/00E)]  |
| E05B45/06C            | . . [N: for combination locks]  |
| E05B45/08             | . . with contact making inside the lock or in the striking plate [N1205]  |
| E05B45/08S            | . . . [N: with contact making either in the striking plate or by movement of the bolt relative to the striking plate]   |
| E05B45/08S2           | . . . . [N: by transverse movement]   |
| E05B45/10             | . . . by introducing the key [N: or another object]   |
| E05B45/12             | . . . by movement of the bolt [N: (E05B45/08S takes precedence)]  |
| E05B45/12B            | . . . . [N: by transverse movement]   |
| <b>Guide heading:</b> | <b><u>Operation or control of locks by non-mechanical means, e.g. from a distance (locking doors simultaneously in passenger vehicles E05B65/36; key switches H01H27/00)</u></b>  |
| <b>E05B47/00</b>      | <b>Operating or controlling locks or other fastening devices by electric or magnetic means (electric permutation locks E05B49/00; holding in open position or limiting movement of wings by magnetic or electromagnetic attraction E05C17/56; [N: E05B17/00H2, E05B17/14E, E05B81/00, E05C19/16 take precedence]) [N1205]</b> |
| E05B47/00A            | . [N: with electric actuators; Constructional features thereof (for vehicles E05B81/04)] [N1205]  |
| E05B47/00A1           | . . [N: with electromagnets ] [N1205]   |
| E05B47/00A1B          | . . . [N: having a movable core] [N1205]  |
| E05B47/00A1B1         | . . . . [N: said core being linearly movable] [N1205]   |
| E05B47/00A1B2         | . . . . [N: said core being rotary movable] [N1205]   |
| E05B47/00A1C          | . . . [N: having a non-movable core; with permanent magnet] [N1205]   |
| E05B47/00A2           | . . [N: with thermo-electric actuators, e.g. heated bimetals] [N1205]   |
| E05B47/00A3           | . . [N: with piezo-electric actuators (piezo-electric devices per se H01L41/00)] [N1205]  |

- E05B47/00A4 . . [N: with rotary electromotors (actuators with rotary electromotors per se H02K7/06, H02K23/68)] [N1205]
- E05B47/00B . [N: using permanent magnets]
- E05B47/00B2 . . [N: the magnets acting directly on the bolt] [N1207]
- E05B47/00B3 . . [N: with tumbler pins suspended for a pendulum movement]
- E05B47/00B4 . . [N: with rotary magnet tumblers]
- E05B47/00B5 . . [N: Mechanical locks operated by cards having permanent magnets] [N1205]
- E05B47/00B7 . . [N: Cylinder locks with magnetic tumblers (E05B47/00B3, E05B47/00B4 take precedence)] [N1205]
- E05B47/00B9 . . [N: keys with permanent magnets (E05B47/00B5, E05B47/00B7, E05B73/00B8A take precedence)] [N1205]
- E05B47/00C . [N: Electric or magnetic means in the striker or on the frame; Operating or controlling the striker plate (E05B47/06F, E05B63/24D take precedence)]
- E05B47/00C2 . . [N: Striker rotating about an axis parallel to the wing edge]
- E05B47/02 . [N: Movement of the bolt by electromagnetic means]; Adaptation of locks, latches, or parts thereof, for movement of the bolt by electromagnetic means [N: (by means in the striker E05B63/24D)]
- E05B47/02P . . [N: the bolt moving pivotally or rotatively] [N1205]
- E05B47/02R . . [N: the bolt moving rectilinearly] [N1205]
- E05B47/06 . Controlling mechanically-operated bolts by electro-magnetically-operated detents
- E05B47/06A . . [N: the detent moving rectilinearly] [N1207]
- E05B47/06B . . [N: the detent moving pivotally or rotatively] [N1207]
- E05B47/06C . . [N: Cylinder locks with electromagnetic control]
- E05B47/06C2 . . . [N: operated by handles, e.g. by knobs] [N1205]
- E05B47/06C4 . . . [N: by blocking the rotor] [N1205]
- E05B47/06C4A . . . . [N: axially, i.e. with an axially engaging blocking element] [N1205]
- E05B47/06C4R . . . . [N: radially] [N1205]
- E05B47/06C4R1 . . . . . [N: with a rectilinearly moveable blocking element] [N1205]
- E05B47/06C4R2 . . . . . [N: with a pivotally moveable blocking element] [N1205]
- E05B47/06C6 . . . [N: by disconnecting the rotor] [N1205]
- E05B47/06C6A . . . . [N: axially, i.e. with an axially disengaging coupling element] [N1205]
- E05B47/06C6R . . . . [N: radially] [N1205]
- E05B47/06C6R1 . . . . . [N: with a rectilinearly moveable coupling element] [N1205]
- E05B47/06C6R2 . . . . . [N: with a pivotally moveable coupling element] [N1205]
- E05B47/06D . . [N: by locking the handle, spindle, follower or the like]
- E05B47/06D2 . . . [N: axially, i.e. with an axially engaging blocking element] [N1205]
- E05B47/06D4 . . . [N: radially] [N1205]
- E05B47/06D4P . . . . [N: with a pivotally moveable blocking element] [N1205]
- E05B47/06D4R . . . . [N: with a rectilinearly moveable blocking element] [N1205]
- E05B47/06E . . [N: by disconnecting the handle]
- E05B47/06E2 . . . [N: axially, i.e. with an axially disengaging coupling element] [N1205]



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| E05B47/06E4           | . . . [N: radially] [N1205]  |
| E05B47/06E4P          | . . . . [N: with a pivotally moveable coupling element] [N1205]  |
| E05B47/06E4R          | . . . . [N: with a rectilinearly moveable coupling element] [N1205]  |
| E05B47/06F            | . . [N: locking the bolt by an electromagnet in the striker]   |
| <b>E05B49/00</b>      | <b>Electric permutation locks; Circuits therefor; [N: Mechanical aspects of electronic locks; Mechanical keys therefor (arrangements for sensing or reading record carriers G06K7/00, G06K9/00; mechanisms including electronic locks actuated by nonmechanical keys such as passive and active electrical keys and other data carriers G07C9/00, G07F7/00; electronic switching H03K17/00)] [N1205]</b> |
| E05B49/00M            | . [N: Keys with mechanical characteristics, e.g. notches, perforations, opaque marks] [N0111]  |
| E05B49/00M2           | . . [N: actuating mechanical switches] [N0111]   |
| E05B49/00M4           | . . [N: actuating opto-electronic devices] [N0111]   |
| E05B49/00M4B          | . . . [N: by alignment of movable perforated parts, e.g. perforated tumblers] [N0111]  |
| <b>E05B51/00</b>      | <b>Operating or controlling locks or other fastening devices by other non-mechanical means [N1205]</b>   |
| E05B51/00B            | . [N: by a bimetallic or memory-shape element (heated by electricity E05B47/00A2; for panic door actuation E05B65/10F)] [N1205]  |
| E05B51/02             | . by pneumatic or hydraulic means [N: (E05B17/00H2 takes precedence)] [N1205]  |
| E05B51/02B            | . . [N: actuated in response to external pressure, blast or explosion (E05B65/10C takes precedence)]   |
| <b>E05B53/00</b>      | <b>Operation or control of locks by mechanical transmissions, e.g. from a distance [N1205]</b>   |
| E05B53/00B            | . [N: Foot-operation]  |
| E05B53/00D            | . [N: flexible]  |
| E05B53/00D2           | . . [N: Bowden]  |
| E05B53/00E            | . [N: of ball-train type]  |
| E05B53/00P            | . [N: by planetary gears] [N1205]  |
| <b>Guide heading:</b> | <b><u>Locks with provision for latching</u> (for passenger vehicle doors E05B65/20)</b>  |
| <b>E05B55/00</b>      | <b>Locks in which a sliding latch is used also as a locking bolt</b>   |
| E05B55/00C            | . [N: Cylindrical or tubular locks]  |
| E05B55/06             | . the handle being disconnected [N: (E05B13/10B, E05B47/06E take precedence)]  |
| E05B55/12             | . the bolt being secured by the operation of a hidden parallel member; [N: Automatic   |

latch bolt deadlocking mechanisms, e.g. using a trigger or a feeler]

**E05B57/00** Locks in which a pivoted latch is used also as locking means

**E05B59/00** Locks with latches separate from the lock-bolts or with a plurality of latches or lock-bolts

**E05B61/00** Other locks with provision for latching

**Guide heading:** Locks [N: or fastenings] with special structural characteristics or for special use

**E05B63/00** Locks [N: or fastenings] with special structural characteristics

- E05B63/00A . [N: Additional locks added to existing lock arrangements] [N1207]
- E05B63/00A1 . . [N: Mounted on the hinged side of the wing] [N9705]
- E05B63/00B . [N: Locks with rotary bolt without provision for latching]
- E05B63/00C . [N: Locks with sliding bolt without provision for latching]
- E05B63/00C2 . . [N: the bolt being shot over an increased length by a single turning operation of the key]
- E05B63/00E . [N: with key ejection means]
- E05B63/00F . [N: Locks for use instead of cylinder locks, e.g. locks with cylinder lock profile and a low security operating mechanism] [N1207]
- E05B63/00H . [N: Dummy or simulated locks; Cover elements without lock function] [N1205]
- E05B63/00K . [N: Locks having a key withdrawable in different positions (cylinder locks E05B27/00W, E05B29/00W)] [N1205]
- E05B63/00R . [N: Locks mounted on the "frame" cooperating with means on the "wing" (E05B47/00C, E05B65/08B6, E05B65/08C6, E05B65/08F6 take precedence)]
- E05B63/00S . [N: Locks with adjustable or exchangeable lock parts (adjustable strikers E05B15/02E4; adjustable to different keys E05B35/08B; adjustable bolt or backset E05B63/06; adjustable coupling means for bars, rods, cables E05C9/20)] [C9411]
- E05B63/00S2 . . [N: for different door thicknesses (E05B9/04C takes precedence; for fastening handles to lock or latch parts E05B3/00)] [N1205]
- E05B63/00T . [N: Operating modes; Transformable to different operating modes]
- E05B63/00T2 . . [N: Override systems, e.g. allowing opening from inside without the key, even when locked from outside (E05B65/10P, E05B9/10B take precedence; by movable striker E05B63/24C2)] [C0812]
- E05B63/00T2B . . . [N: by withdrawal of the entire lock unit] [N1205]

- E05B63/00T3 . . [N: allowing opening with key from outside, even with key inserted from inside ([E05B9/10](#) takes precedence)]
- E05B63/02 . without springs
- E05B63/04 . for alternative use on the right-hand or left-hand side of wings
- E05B63/04B . . [N: constructed symmetrically]
- E05B63/04C . . [N: with reversible bolt or bolt head]
- E05B63/04D . . [N: with double-bevelled latch or the like]
- E05B63/04E . . [N: with bolt heads at both sides of the lock]
- E05B63/06 . with lengthwise-adjustable bolts; [N: with adjustable backset, i.e. distance from door edge]
- E05B63/08 . Mortise locks [N: (mortised work [B27F5/12](#))]
- E05B63/10 . . requiring only two cylindrical holes in the wing
- E05B63/12 . with means carried by the bolt for interlocking with the keeper
- E05B63/12B . . [N: using balls or the like cooperating with notches] [N1205]
- E05B63/12C . . [N: with transverse, i.e. vertically movable bolt or dropbolt ([E05B63/12F](#) takes precedence)]
- E05B63/12D . . [N: with circular bolts]
- E05B63/12E . . [N: with a sliding bolt rotating about its axis, i.e. of bayonet type]
- E05B63/12F . . [N: the bolt having an additional sliding bolt or movement ([E05B63/12B](#) takes precedence)]
- E05B63/12G . . [N: the bolt having an additional rotating bolt or movement]
- E05B63/12H . . [N: with additional bolt in the striker (electric [E05B47/06F](#))]
- E05B63/14 . Arrangement of several locks or locks with several bolts, e.g. arranged one behind the other (locks for keys with several bits [E05B35/14](#); with provision for latching [E05B59/00](#), [E05B61/00](#); arrangements of simultaneously-actuated bolts or other securing devices at well-separated positions on the same wing [E05C9/00](#); [N: takes precedence; [E05B15/10M](#), [E05B65/08D](#), [E05B65/32C](#), [E05C3/28](#), [E05C3/34](#) take precedence])
- E05B63/14B . . [N: Arrangement of several locks, e.g. in parallel or series, on one or more wings]
- E05B63/14T . . [N: locks with two or more bolts, each bolt itself being a tumbler]
- E05B63/16 . with the handles on opposite sides moving independently
- E05B63/18 . with arrangements independent of the locking mechanism for retaining the bolt [N: or latch] in the retracted position
- E05B63/18B . . [N: Preventing actuation of a bolt when the wing is open ([E05B63/20](#) takes precedence, similar safety devices [E05D15/526](#))] [C0201]
- E05B63/20 . . released automatically when the wing is closed [N: (for panic door locks of the vertical rod type [E05B65/10B2](#))] [N1205]
- E05B63/20B . . . [N: a latch bolt being initially retained in an intermediate position and subsequently projected to its full extent when the wing is closed]
- E05B63/20C . . . [N: by a trigger at the hinged edge of the wing]
- E05B63/22 . operated by a pulling or pushing action perpendicular to the front plate, [N: i.e. by

pulling or pushing the wing itself (without deadlocking [E05C19/02](#))

- E05B63/24

- Arrangements in which the fastening members which engage one another are mounted respectively on the wing and the frame and are both movable, e.g. for release by moving either of them ([hasp locks E05B65/48](#); [hasp fastenings E05C19/08](#)) [[N: E05B47/00C](#), [E05B47/06F](#), [E05B63/12H](#), [E05B65/48](#), [E05C19/08](#) take precedence]
- E05B63/24B

- . [N: Auxiliary bolts on the frame, actuated by bolts on the wing, or vice-versa]
- E05B63/24C

- . [N: the striker being movable for latching, the bolt for unlatching, or vice-versa]
- E05B63/24C2

- . . [N: Emergency release from inside by releasing the striker]
- E05B63/24D

- . [N: the striker being movable for latching, and pushed back by a member on the wing for unlatching, or vice-versa]
- E05B65/00

**Locks [N: or fastenings] for special use [N: (for dishwashers A47L15/42J6A; hatch fastenings B63B19/24; for container closures B65D55/02; for elevator doors B66B13/16; for lids or covers of refuse receptacles B65F1/16C; for laundry washing machines D06F37/42, D06F39/14; for two wings E05C7/00; safety devices F16P3/08; for furnaces F24C15/02B; coin freed locks G07F17/12, G07F17/14; switches operated by key or combination H01H27/00)]** [[N1205](#)]
- E05B65/00A

- [N: for locking a plurality of wings, e.g. simultaneously (E05B65/00F, E05B77/46, E05B65/46C, E05C7/00 take precedence)] [[N1205](#)]
- E05B65/00B

- [[N: for gates \(for wire gates E06B11/02B\)](#)]
- E05B65/00D

- [N: for gas- or watertight wings] [[N1205](#)]
- E05B65/00E

- [[N: to prevent opening by children \(E05B13/00 takes precedence; child-proof container closures B65D55/02B\)](#)]
- E05B65/00F

- [N: Jail locks]
- E05B65/00G

- [[N: for overhead or roll-up doors, e.g. garage doors](#)]
- E05B65/00H

- [[N: for glass wings](#)]
- E05B65/00J

- [[N: for narrow-stile wings](#)]
- E05B65/00K

- [N: for hotel rooms (electronic G07C9/00E20B)] [[N1205](#)]
- E05B65/00L

- [[N: for privacy rooms, e.g. bathrooms](#)]
- E05B65/00M

- [N: For refrigerators or cold rooms (E05B17/00P takes precedence; magnetic E05C19/16)] [[N1205](#)]
- E05B65/00M2

- . [[N: with a bifurcated bolt](#)]
- E05B65/00M3

- . [[N: with sliding bolt](#)]
- E05B65/00M6

- . [N: with safety release from inside (by releasing the striker E05B63/24C2; similar means for safe doors E05B65/00S2)] [[N1207](#)]
- E05B65/00N

- [N: for caskets, coffins or burial vaults (coffins in general A61G17/02)] [[N1205](#)]

- E05B65/00P . [N: for covers or panels (for manholes [E02D29/14D](#); for holes enabling access to installations in buildings [E04F19/08](#); for pressure vessels [F16J13/00](#))]
- E05B65/00P2 . . [N: for openings in masts] [N1205]
- E05B65/00P4 . . [N: for portable computers, e.g. for locking the screen panel to the keyboard panel] [N1205]
- E05B65/00R . [N: for revolving doors]
- E05B65/00S . [N: for safes, strongrooms, vaults, fire-resisting cabinets or the like (safes, closures and fastenings therefor [E05G](#))]
- E05B65/00S2 . . [N: Safety means for persons trapped within the safe, e.g. release from inside, venting means (by releasing the striker E05B63/24C2; similar means for refrigerator or cold-room doors E05B65/00M6)] [N1207]
- E05B65/00S4 . . [N: with additional locking responsive to attack, e.g. to heat, explosion (in general [E05B17/20G4](#))]
- E05B65/00T . [N: for folding wings, e.g. bi-fold wings]
- E05B65/00V . [N: for utility meters or the like]
- E05B65/00W . [N: for wardrobe trunks]
- E05B65/02 . for thin, hollow, or thin-metal wings [N: e.g. lockers]
- E05B65/02L . . [N: for lockers]
- E05B65/06 . for swing doors, [N: i.e. opening inwards and outwards]
- E05B65/08 . for sliding wings [N: (for vehicles E05B83/04, E05B83/40; holding sliding wings open E05C17/60)] [N1205]
- E05B65/08B . . [N: the bolts pivoting about an axis perpendicular to the wings]
- E05B65/08B2 . . . [N: with additional movement, e.g. toggle, overcenter, excentric (toggle fasteners in general [E05C19/14](#); similar fasteners for building slabs [E04B1/61D3F](#))]
- E05B65/08B4 . . . [N: cooperating with the slide guide, e.g. the rail] [N1205]
- E05B65/08B6 . . . [N: mounted on the slide guide, e.g. the rail] [N1205]
- E05B65/08C . . [N: the bolts pivoting about an axis parallel to the wings]
- E05B65/08C2 . . . [N: and parallel to the sliding direction of the wings]
- E05B65/08C6 . . . [N: mounted on the slide guide, e.g. the rail (E05B65/08C2 takes precedence) [N1205]
- E05B65/08C8 . . . [N: with a bolt under compression force] [N1205]
- E05B65/08D . . [N: comprising simultaneously pivoting double hook-like locking members]
- E05B65/08E . . [N: the bolts sliding perpendicular to the wings]
- E05B65/08F . . [N: the bolts sliding parallel to the wings]
- E05B65/08F4 . . . [N: cooperating with the slide guide, e.g. the rail] [N1205]
- E05B65/08F6 . . . [N: mounted on the slide guide, e.g. the rail] [N1205]
- E05B65/08G . . [N: Locking bars]
- E05B65/08P . . [N: Portable or removable locks ([E05B65/08E](#), [E05B65/08G](#) take precedence)]
- E05B65/10 . for panic or emergency doors [N1205]

|              |  |
|--------------|--|
| E05B65/10B   | . . [N: of the vertical rod type]  |
| E05B65/10B2  | . . . [N: Trigger means for holding the bolt in the retracted position and releasing the bolt when the door is closed] [N0311]   |
| E05B65/10C   | . . [N: opening under pressure on the surface of the door itself (E05C19/02 takes precedence)] [N1205]   |
| E05B65/10C2  | . . . [N: by a yieldable or breakable bolt or striker] [N1205]   |
| E05B65/10E   | . . [N: emergency release of windows, window grills, escape hatches or the like]   |
| E05B65/10F   | . . [N: actuated in response to heat, e.g. with fusible element, bimetal, memory shape or swelling material]   |
| E05B65/10L   | . . [N: Panic bars] [N0311]  |
| E05B65/10L1  | . . . [N: sliding towards and away from the door] [N0311]  |
| E05B65/10L2  | . . . [N: pivoting] [N0311]  |
| E05B65/10L2A | . . . . [N: the pivot axis being substantially parallel to the longitudinal axis of the bar] [N0311]   |
| E05B65/10L2B | . . . . [N: the pivot axis being substantially perpendicular to the longitudinal axis of the bar] [N0311]  |
| E05B65/10N   | . . [N: Electronically controlled emergency exits] [N0311]   |
| E05B65/10P   | . . [N: Locks with panic function, e.g. allowing opening from the inside without a key even when locked from the outside] [N0311]  |
| E05B65/10S   | . . [N: Dogging means for holding the actuation means, e.g. the actuating handle] [N1205]  |
| E05B65/44    | . for furniture or drawers   |
| E05B65/46    | . . Special locks for drawers, e.g. for a plurality of drawers [N: (for electronic unit cases <a href="#">H05K7/14B</a> )]   |
| E05B65/46B   | . . . [N: for cash drawers]  |
| E05B65/46C   | . . . [N: for a plurality of drawers] [N1205]  |
| E05B65/46C2  | . . . . [N: Drawer interlock or anti-tilt mechanisms, i.e. when one drawer is open, a number, e.g. all, of the remaining drawers are locked] [N1205]   |
| E05B65/46C2B | . . . . . [N: comprising a plurality of lock element aligned in end-to-end abutting relation] [N1205]  |
| E05B65/46C2D | . . . . . [N: with rotary locking bars]  |
| E05B65/46C2T | . . . . . [N: with tensionable flexible elements, e.g. cables, bands, chains or ropes] [N1205]   |
| E05B65/46C3  | . . . . [N: Locking bars secured in front of the drawers]  |
| E05B65/46C4  | . . . . [N: using rotary lock bars ( <a href="#">E05B65/46C2D</a> , <a href="#">E05B65/46C3</a> take precedence)]  |
| E05B65/48    | . Hasp locks (hasp fastenings other than locks E05C19/08) [N1205]  |
| E05B65/50    | . . for briefcases [N: or the like]  |
| E05B65/52    | . Other locks for chests, boxes, trunks, baskets, travelling bags, or the like (closures for bags or trunks <a href="#">A45C13/06</a> , <a href="#">A45C13/10</a> , <a href="#">A45C13/16</a> ; [N: hasp locks <a href="#">E05B65/50</a> ; permutation locks <a href="#">E05B37/00</a> ; toggles <a href="#">E05C19/14</a> ; locking slide fasteners <a href="#">A44B19/30B</a> ]) |
| E05B65/52A   | . . [N: characterised by bolt movement] [N1205]  |
| E05B65/52A1  | . . . [N: sliding] [N1205]   |
| E05B65/52A1B | . . . . [N: perpendicular to the surface on which the lock is mounted]   |
| E05B65/52A1C | . . . . [N: parallel to the surface on which the lock is mounted]  |

- E05B65/52A1C2 . . . . . [N: parallel to the wing edge]
- E05B65/52A3 . . . . . [N: rotating] [N1205]
- E05B65/52A3B . . . . . [N: about an axis perpendicular to the surface on which the lock is mounted]
- E05B65/52A3B2 . . . . . [N: with simultaneously operating double bolts]
- E05B65/52A3C . . . . . [N: about an axis parallel to the surface on which the lock is mounted]
- E05B65/52A3C2 . . . . . [N: parallel to the wing edge]
- E05B65/52B . . . . . [N: in which a movable latch is passed through a staple loop (similar fasteners for buckles [A44B11/00](#))]
- E05B65/52G . . . . . [N: Gravity - or orientation sensitive mechanisms, e.g. to prevent opening when wrongside-up]

**E05B67/00**      **Padlocks(permutation locks[E05B37/00](#); [N: steering wheel padlocks[B60R25/02C](#)]); Details thereof**

- E05B67/00B . . . . . [N: Chain, wire or cable locks (alarms therefor E05B45/00C; E05B69/00H takes precedence)] [N1205]
- E05B67/00B2 . . . . . [N: with retraction of the cable for storage (E05B73/00B3 takes precedence; for devices mounted to a fixed surface or a portable object E05B73/00A2)] [N1205]
- E05B67/02 . . . . . Cases
- E05B67/04 . . . . . Armoured cases [N: (parts of the casing protecting the shackle E05B67/38)] [N1205]
- E05B67/06 . . . . . Shackles; Arrangement of the shackle
- E05B67/06B . . . . . [N: Padlocks with removable shackles] [N1205]
- E05B67/08 . . . . . Padlocks with shackles hinged on the case
- E05B67/10 . . . . . with devices for securing the free end of the shackle
- E05B67/14 . . . . . with devices for securing the hinged end of the shackle
- E05B67/18 . . . . . with devices for securing both ends of the shackle
- E05B67/22 . . . . . Padlocks with sliding shackles, with or without rotary or pivotal movement
- E05B67/24 . . . . . with built- in cylinder locks
- E05B67/26 . . . . . with screw action, with or without the shackle being moved by turning the key
- E05B67/28 . . . . . Padlocks with shackles forming a circle
- E05B67/32 . . . . . Padlocks with pincer- like shackles
- E05B67/36 . . . . . [N: Padlocks with closing means other than shackles; [N: Removable locks, the lock body itself being the locking element; Padlocks consisting of two separable halves or cooperating with a stud] [N1205]
- E05B67/36B . . . . . [N: with locking means in the form of balls or rollers] [N1205]
- E05B67/38 . . . . . Auxiliary or protective devices [N: (weather protection [E05B17/00F](#); armoured cases [E05B67/04](#))]
- E05B67/38B . . . . . [N: Staples or the like for padlocks; Lock slings; Arrangements on locks to cooperate with padlocks]

**Guide heading:**      **Locking devices for clothing, sticks, umbrellas, or cycles**

**E05B69/00**      **Devices for locking clothing; Lockable clothing holders or hangers ([N: anti-theft**



monitors [E05B73/00B](#); shoe hangers, clothing], dress or hat holders in general [A47G25/00](#))

- E05B69/00B . [N: for locking shoes against removal]
- E05B69/00H . [N: Lockable hangers or hanger racks]
- E05B69/02 . Lockable clothing hooks (coin controlled locking hooks [G07F](#))
  
- E05B71/00** **Locks specially adapted for bicycles, other than padlocks** ([N: locks integral with holders for parking or storing bicycles [B62H3/00](#)]; locks integral with cycles [B62H5/00](#))
  
- E05B73/00** **Devices for locking portable objects against unauthorised removal; Miscellaneous locking devices** [N: (motorcycle helmets [A42B3/04B2](#), [B62J11/00B](#); gun racks [A47B81/00D](#); showcases with theft protection [A47F3/00D](#); anti-theft means for peg-boards, grids or rods for hanging merchandise [A47F5/08B5](#); show stands, hangers, shelves with provision against unauthorised removal [A47F7/024](#); for self-service hand-carts [A47F10/04](#); locking skis [A63C11/00F](#); locking bolts, nuts or pins [F16B41/00](#))] [\[N1205\]](#)
  
- E05B73/00A . [N: using chains, cables or the like (chain- or cable-locks of the padlock type [E05B67/00B](#); lockable clothing hangers or hanger racks [E05B69/00H](#))] [\[N1205\]](#)
- E05B73/00A2 . . [N: with retraction of the flexible element for storage ([E05B73/00B3](#) takes precedence; for padlocks [E05B67/00B2](#))] [\[N1205\]](#)
  
- E05B73/00B . [N: Anti-theft devices, e.g. tags or monitors, fixed to articles, e.g. clothes, and to be removed at the check-out of shops]
- E05B73/00B2 . . [N: Containers, boxes, cases or the like, e.g. for compact discs or video-cassettes, specially adapted therefor]
- E05B73/00B3 . . [N: Tags wrapped around the protected product using cables, wires or the like, e.g. with cable retraction for tensioning] [\[N1205\]](#)
- E05B73/00B4 . . [N: for eyeglasses or spectacles] [\[N0311\]](#)
- E05B73/00B5 . . [N: for essentially round objects, e.g. bottles or racket handles] [\[N1205\]](#)
- E05B73/00B8 . . [N: Unlocking tools; Decouplers] [\[N1205\]](#)
- E05B73/00B8A . . . [N: of the magnetic type] [\[N1205\]](#)
- E05B73/00B8A1 . . . . [N: for essentially box-shaped devices] [\[N1205\]](#)
- E05B73/00B8B . . . [N: of the mechanical type] [\[N1205\]](#)
  
- E05B73/00C . [N: for boats, surfboards or parts or accessories thereof]
- E05B73/00C2 . . [N: outboard motors or propellers] [\[N1205\]](#)
  
- E05B73/00D . [N: for office machines, e.g. PC`s, portable computers, typewriters, calculators] [\[C0201\]](#)
  
- E05B73/00S . [N: for skate-boards] [\[N0311\]](#)
  
- E05B73/02 . for walking sticks or umbrellas ([N: walking sticks with locks [A45B1/04](#)]; stick or umbrella holders in general [A47G25/12](#)) [\[C0411\]](#)

- E05B75/00**      **Handcuffs** [N: Finger cuffs; Leg irons; Handcuff holsters; Means for locking prisoners in automobiles (retaining devices for the body or body parts [A61F5/37](#))]
- E05B75/00H**      . [N: Handcuff holders, e.g. for storage] [N1205]
- E05B77/00**      **Vehicle locks characterised by special functions or purposes (locks specially adapted for bicycles E05B 71/00; locking arrangements for non-fixed vehicle roofs B60J 7/185) [N1205] [M1208]**
- E05B77/02**      . [N: for accident situations] [N1205]
- E05B77/04**      . . [N: Preventing unwanted lock actuation, e.g. unlatching, at the moment of collision] [N1205]
- E05B77/06**      . . . [N: by means of inertial forces] [N1205] [M1208]
- E05B77/08**      . . [N: Arrangements for protection of pedestrians] [N1205]
- E05B77/10**      . . [N: Allowing opening in case of deformed bodywork, e.g. by preventing deformation of lock parts] [N1205]
- E05B77/12**      . . [N: Automatic locking or unlocking at the moment of collision] [N1205]
- E05B77/14**      . [N: Specially controlled locking actions in case of open doors or in case of doors moved from an open to a closed position, e.g. lock-out prevention or self-cancelling] [N1205] [M1208]
- E05B77/16**      . . [N: Preventing locking with the bolt in the unlatched position] [N1205] [M1208]
- E05B77/18**      . . [N: Keyless locking with self-cancellation, e.g. resulting in an unlocking action when the door is closed] [N1205] [M1208]
- E05B77/20**      . . . [N: Override of self-cancellation, e.g. by actuation of the handle while the door is being closed] [N1205]
- E05B77/22**      . [N: Functions related to actuation of locks from the passenger compartment of the vehicle] [N1205]
- E05B77/24**      . . [N: preventing use of an inner door handle, sill button, lock knob or the like] [N1205]
- E05B77/245**      . . . [N: by blocking the movement of a movable element] [N1205]
- E05B77/26**      . . . specially adapted for child safety [N1205] [M1208]
- E05B77/265**      . . . . [N: hand actuated, e.g. by a lever at the edge of the door] [N1205]
- E05B77/28**      . . . [N: for anti-theft purposes, e.g. double-locking or super-locking] [N1205]
- E05B77/283**      . . . . [N: initiated by hand actuation, e.g. by using a mechanical key] [N1205]
- E05B77/287**      . . . . [N: Prevention or overriding of a super-lock condition, e.g. for preventing being trapped in the vehicle] [N1205]
- E05B77/30**      . . [N: allowing opening by means of an inner door handle, even if the door is locked] [N1205]
- E05B77/32**      . [N: allowing simultaneous actuation of locking or unlocking elements and a handle, e.g. preventing interference between an unlocking and an unlatching action] [N1205]
- E05B77/34**      . [N: Weather or dirt protection, e.g. against water] [N1205]
- E05B77/36**      . [N: Noise prevention; Anti-rattling means] [N1205]
- E05B77/38**      . . [N: Cushion elements, elastic guiding elements or holding elements, e.g. for

- cushioning or damping the impact of the bolt against the striker during closing of the wing] [N1205]
- E05B77/40 . . [N: Lock elements covered by silencing layers, e.g. coatings] [N1205] [M1208]
  - E05B77/42 . [N: Means for damping the movement of lock parts, e.g. slowing down the return movement of the handle (E05B 77/38 takes precedence) ] [N1205]
  - E05B77/44 . [N: Burglar prevention, e.g. by protecting against opening by unauthorised tools (E05B 77/28 takes precedence) ] [N1205]
  - E05B77/46 . [N: Locking several wings simultaneously] [N1205]
  - E05B77/465 . . [N: Automatic locking when all passengers have left the vehicle ] [N1205]
  - E05B77/48 . . [N: by electrical means] [N1205]
  - E05B77/50 . . [N: by pneumatic or hydraulic means] [N1205]
  - E05B77/52 . [N: Locking one wing by shutting another (for double doors, i.e. two wings which abut when closed E05C 7/06)] [N1205]
  - E05B77/54 . [N: Automatic securing or unlocking of bolts triggered by certain vehicle parameters, e.g. exceeding a speed threshold (triggered by vehicle collision E05B 77/12)] [N1205] [M1208]
- E05B79/00 [N: Mounting or connecting vehicle locks or lock parts] [N1205]**
- E05B79/02 . [N: Mounting of vehicle locks or parts thereof] [N1205]
  - E05B79/04 . . [N: Mounting of lock casings to the vehicle, e.g. to the wing] [N1205]
  - E05B79/06 . . [N: Mounting of handles, e.g. to the wing or to the lock] [N1205]
  - E05B79/08 . . [N: Mounting of individual lock elements in the lock, e.g. levers] [N1205]
  - E05B79/10 . [N: Connections between movable lock parts] [N1205]
  - E05B79/12 . . [N: using connecting rods] [N1205]
  - E05B79/14 . . . [N: the rods being linked to each other] [N1205]
  - E05B79/16 . . . [N: characterised by the means for linking the rods to other lock parts, e.g. to levers] [N1205]
  - E05B79/18 . . . [N: Rod guides] [N1205]
  - E05B79/20 . . [N: using flexible connections, e.g. Bowden cables] [N1205]
  - E05B79/22 . . [N: Operative connections between handles, sill buttons or lock knobs and the lock unit] [N1205]
- E05B81/00 [N: Power-driven vehicle locks] [N1205]**
- E05B81/01 . [N: Comfort closing, i.e. the locking action for a wing is combined with actuation of other vehicle functions, e.g. locking the doors and closing the windows simultaneously] [N1205]
  - E05B81/02 . [N: characterised by the type of actuators used] [N1205]
  - E05B81/04 . . [N: Electrical] [N1205]
  - E05B81/05 . . . [N: moving in one direction only] [N1205]

- E05B81/06 . . . [N: using rotary motors] [N1205]
- E05B81/08 . . . [N: using electromagnets or solenoids] [N1205]
- E05B81/10 . . [N: Hydraulic or pneumatic] [N1205]
  
- E05B81/12 . [N: characterised by the function or purpose of the powered actuators] [N1205]
- E05B81/13 . . [N: a single actuator for driving a lock and additional vehicle components, e.g. window wipers or window lifters] [N1205]
- E05B81/14 . . [N: operating on bolt detents, e.g. for unlatching the bolt] [N1205]
- E05B81/15 . . . [N: with means preventing the detent to return to its latching position before the bolt has moved to the unlatched position] [N1205]
- E05B81/16 . . [N: operating on locking elements for locking or unlocking action] [N1205]
- E05B81/18 . . [N: to effect movement of a bolt or bolts (E05B 81/20 takes precedence) ] [N1205]
- E05B81/20 . . [N: for assisting final closing or for initiating opening] [N1205]
- E05B81/21 . . . [N: with means preventing or detecting pinching of objects or body parts] [N1205]
- E05B81/22 . . . [N: by movement of the striker] [N1205]
  
- E05B81/24 . [N: characterised by constructional features of the actuator or the power transmission] [N1205]
- E05B81/25 . . [N: Actuators mounted separately from the lock and controlling the lock functions through mechanical connections] [N1205]
- E05B81/26 . . [N: Output elements] [N1205]
- E05B81/28 . . . [N: Linearly reciprocating elements] [N1205]
- E05B81/30 . . . [N: Rotary elements] [N1205]
- E05B81/32 . . [N: Details of the actuator transmission] [N1205]
- E05B81/34 . . . [N: of geared transmissions] [N1205]
- E05B81/36 . . . . [N: Geared sectors, e.g. fan-shaped gears] [N1205]
- E05B81/38 . . . . [N: Planetary gears] [N1205]
- E05B81/40 . . . [N: Nuts or nut-like elements moving along a driven threaded axle] [N1205]
- E05B81/42 . . . [N: Cams] [N1205]
- E05B81/44 . . . . [N: in the form of grooves] [N1205]
- E05B81/46 . . . [N: Clutches] [N1205]
- E05B81/48 . . [N: Actuators being driven in a single direction] [N1205]
- E05B81/50 . . [N: Powered actuators with automatic return to the neutral position by non-powered means, e.g. by springs] [N1205]
  
- E05B81/52 . [N: Pneumatic or hydraulic circuits (for control of a plurality of locks on several doors simultaneously E05B 77/50)] [N1205]
  
- E05B81/54 . [N: Electrical circuits (for control of a plurality of locks on several doors simultaneously E05B 77/48) ; Components thereof] [N1205]
- E05B81/56 . . [N: Control of actuators] [N1205]
- E05B81/58 . . . [N: including time control, e.g. for controlling run-time of electric motors] [N1205]
- E05B81/60 . . . [N: using pulse control, e.g. pulse-width modulation] [N1205]
- E05B81/62 . . . [N: for opening or closing of a circuit depending on electrical parameters, e.g. increase of motor current] [N1205]

- E05B81/64 . . [N: Monitoring or sensing, e.g. by using switches or sensors] [N1205]
- E05B81/66 . . . [N: the bolt position, i.e. the latching status] [N1205]
- E05B81/68 . . . . [N: by sensing the position of the detent] [N1205]
- E05B81/70 . . . [N: the door position] [N1205]
- E05B81/72 . . . [N: the lock status, i.e. locked or unlocked condition] [N1205]
- E05B81/74 . . . . [N: by sensing the state of the actuator] [N1205]
- E05B81/76 . . . [N: Detection of door handle operation or of a user approaching a door handle; Electrical switching action performed by door handles] [N1205]
- E05B81/77 . . . . [N: comprising sensors detecting the presence of the hand of a user] [N1205]
- E05B81/78 . . . . [N: as part of a hands-free unlocking or locking operation] [N1205]
- E05B81/80 . . [N: characterised by the power supply; Emergency power operation] [N1205]
- E05B81/82 . . . [N: by batteries other than the vehicle main battery] [N1205]
- E05B81/84 . . . [N: by manually operated generator means] [N1205]
- E05B81/86 . . . [N: by capacitors] [N1205]
- E05B81/88 . . . [N: by inductive energy transmission] [N1205]
- E05B81/90 . . [N: Manual override in case of power failure] [N1205]
  
- E05B83/00** [N: Vehicle locks for special use or applications ([E05B71/00](#) takes precedence; locking arrangements for non-fixed vehicle roofs [B60J7/185](#); safety locks for back-rests [B60N 2/433](#)) ] [N1205]
  
- E05B83/01 . [N: Locks for military or armoured vehicles] [N1205]
  
- E05B83/02 . [N: Locks for railway freight-cars, freight containers or the like; Locks for lorries, trucks or vans essentially for commercial use ([E05B83/24](#), [E05B83/36](#) take precedence) ] [N1205]
  
- E05B83/04 . . [N: for sliding wings] [N1205]
- E05B83/06 . . . [N: of railway freight-cars] [N1205]
- E05B83/08 . . [N: with elongated bars for actuating the fastening means] [N1205]
- E05B83/10 . . . [N: Rotary bars] [N1205]
- E05B83/12 . . [N: for back doors of vans ([E05B83/04](#), [E05B83/08](#) take precedence) ] [N1205]
- E05B83/14 . . [N: with provisions for sealing] [N1205]
  
- E05B83/16 . [N: Locks for luggage compartments, car boot lids or car bonnets] [N1205]
- E05B83/18 . . [N: for car boot lids or rear luggage compartments] [N1205]
- E05B83/20 . . . [N: with two or more wings, which together close a single compartment] [N1205]
- E05B83/22 . . [N: for luggage compartments at the side of the vehicle, e.g. of buses or camper vans] [N1205]
- E05B83/24 . . [N: for car bonnets] [N1205]
- E05B83/243 . . . [N: Hood clamps, i.e. individually actuated, usually yielding hooks] [N1205]
- E05B83/247 . . . [N: Simultaneously actuated fasteners at separated positions] [N1205]
- E05B83/26 . . [N: Emergency opening means for persons trapped in the luggage compartment] [N1205]
  
- E05B83/28 . Locks for glove compartments, console boxes, fuel inlet covers or the like [N1205] [M1208]

- E05B83/30 . . [N: Glove compartments] [N1205]
- E05B83/32 . . [N: Console boxes, e.g. between passenger seats] [N1205]
- E05B83/34 . . [N: Fuel inlet covers essentially flush with the vehicle surface] [N1205]
  
- E05B83/36 . Locks for passenger or like doors [N1205]
- E05B83/363 . . [N: for railway vehicles (E05B77/54 takes precedence)] [N1205]
- E05B83/367 . . [N: with centering alignment pin] [N1205]
- E05B83/38 . . [N: for pillar-less vehicles, i.e. front and back door engage each other in the closed position] [N1205]
- E05B83/40 . . [N: for sliding doors] [N1205]
- E05B83/42 . . [N: for large commercial vehicles, e.g. trucks, construction vehicles or vehicles for mass transport vehicles for mass transport (for railway vehicles [E05B83/363](#))] [N1205]
- E05B83/44 . . [N: for recreational vehicles, e.g. caravans or campers] [N1205]
  
- E05B85/00 [N: Details of vehicle lock parts not provided for in groups [E05B77/00](#) - [E05B81/90](#)] [N1205]
  
- E05B85/01 . [N: Mechanical arrangements specially adapted for hands-free locking or unlocking (handles with means for initiation of a hands-free locking or unlocking process [E05B81/78](#))] [N1205]
- E05B85/02 . [N: Lock casings (mounting of lock casings to the wing [E05B79/04](#))] [N1205]
- E05B85/04 . [N: Strikers] [N1205]
- E05B85/045 . . [N: for bifurcated bolts] [N1205]
- E05B85/06 . [N: Lock cylinder arrangements] [N1205]
- E05B85/08 . [N: Sill-buttons, garnish buttons or inside door lock knobs ([E05B85/13](#) takes precedence)] [N1205]
- E05B85/085 . . [N: Manipulators therefor ([E05B19/20](#) takes precedence)] [N1205]
- E05B85/10 . [N: Handles (mounting of handles [E05B 79/06](#); operative connections of handles [E05B79/22](#))] [N1205]
- E05B85/103 . . [N: creating a completely closed wing surface] [N1205]
- E05B85/107 . . [N: Pop-out handles, e.g. sliding outwardly before rotation] [N1205]
- E05B85/12 . . [N: Inside door handles] [N1205]
- E05B85/13 . . . [N: with a locking knob forming part of the inside door handle unit] [N1205]
- E05B85/14 . . [N: Handles pivoted around an axis parallel to the wing] [N1205]
- E05B85/16 . . . [N: a longitudinal grip part being pivoted at one end around an axis perpendicular to the longitudinal axis of the grip part] [N1205]
- E05B85/18 . . . [N: a longitudinal grip part being pivoted around an axis parallel to the longitudinal axis of the grip part] [N1205]
  
- E05B85/20 . [N: Bolts or detents] [N1205]
- E05B85/22 . . [N: with rectilinearly-moving bolts] [N1205]
- E05B85/24 . . [N: with the bolt turning around an axis] [N1205]

- E05B85/243 . . . [N: with a bifurcated bolt] [N1205]
- E05B85/245 . . . [N: with a pair of bifurcated bolts] [N1205]
- E05B85/247 . . . [N: about a vertical axis] [N1205]
- E05B85/26 . . . [N: Details of the bolt or the detent; Cooperation between bolt and detent]  
[N1205]
- E05B85/28 . . . [N: in which the member engaging the keeper is shaped as a toothed wheel or  
the like] [N1205]