

ECLA EUROPEAN CLASSIFICATION

B62B HAND-PROPELLED VEHICLES, e.g. HAND CARTS, PERAMBULATORS; SLEDGES

[N: **WARNING**

[C0312] The following IPC groups are not used in the internal ECLA classification scheme. Subject matter covered by these groups is classified in the following ECLA groups :

[B62B3/065](#) covered by [B62B3/06B4](#)
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Notes

1. In this subclass, the term "hand carts" also embraces hand-propelled wheeled devices in so far as the features thereof are generic to hand carts. This term also embraces pedestrian-controlled power-driven vehicles in so far as the features thereof are generic to hand carts
2. Rollers are taken as being equivalent to wheels

Guide heading: Hand carts

B62B1/00 Hand carts having only one axis carrying one or more transport wheels; Equipment therefor

- B62B1/00C . [N: convertible from a one-axled vehicle to a two-axled vehicle] [N9502]
- B62B1/00H . [N: being longitudinally nestable with each other] [N1202]
- B62B1/00I . [N: being vertically stackable with each other] [N1202]
- B62B1/00P . [N: having a prop or stand for maintaining position] [N1202]
- B62B1/02 . in which the wheel axis is disposed between the load and the handles
- B62B1/04 . . involving parts being adjustable, collapsible, attachable, detachable, or convertible
- B62B1/04F . . . [N: foldable] [N9706]
- B62B1/04F2 [N: foldable in one action] [N9706]
- B62B1/04F2T [N: by telescopic movement of the handle] [N9805]
- B62B1/06 . . involving means for grappling or securing in place objects to be carried; Loading or unloading equipment
- B62B1/08 . . having auxiliary wheels used during loading or unloading
- B62B1/10 . in which the load is intended to be transferred totally to the wheels
- B62B1/12 . . involving parts being adjustable, collapsible, attachable, detachable, or convertible
- B62B1/12T . . . [N: by means of telescoping elements] [N9609]
- B62B1/14 . . involving means for grappling or securing in place objects to be carried; Loading or

- unloading equipment
- B62B1/14C . . . [N: with object clamping means being movable substantially parallel to the ground surface] [N0210]
- B62B1/14P . . . [N: Unloading equipment for pushing the load from the carrier platform] [N9507]
- B62B1/14S . . . [N: the load support being in the form of a scoop] [N9604]
- B62B1/16 . . involving tiltably-mounted containers
- B62B1/18 . in which the load is disposed between the wheel axis and the handles, e.g. wheelbarrows
- B62B1/18S . . [N: with spring-mounted wheels] [N9608]
- B62B1/18W . . [N: comprising an additional wheel, e.g. mounted on the struts] [N1202]
- B62B1/20 . . involving parts being collapsible, attachable, detachable or convertible
- B62B1/20B . . . [N: Detachable buckets] [N1202]
- B62B1/20C . . . [N: Detachable elements on the buckets, e.g. for increasing volume] [N1202]
- B62B1/20D . . . [N: and capable of being completely disassembled] [N9410]
- B62B1/20F . . . [N: foldable] [N9703]
- B62B1/22 . . involving means for grappling or securing in place objects to be carried; Loading or unloading equipment
- B62B1/24 . . involving tiltably-mounted containers
- B62B1/26 . characterised by supports specially adapted to objects of definite shape
- B62B1/26A . . [N: the objects being of elongated shape, e.g. fishing rods, golf clubs] [N0001]
- B62B1/26C . . [N: the objects being of cylindrical shape, e.g. barrels, buckets, dustbins] [N9706]
- B62B1/26D . . [N: the objects being bags] [N9706]
- B62B1/26P . . [N: the objects being plates, doors, panels or the like] [N9706]
- B62B3/00** **Hand carts having more than one axis carrying transport wheels; Steering devices therefor; Equipment therefor** [N: (convertible from one-axled to two-axled vehicle [B62B1/00C](#))] [C9502]
- B62B3/00A . [N: Steering devices] [N9609]
- B62B3/00B . [N: characterised by a rectangular shape, involving sidewalls or racks]
- B62B3/00B4 . . [N: Non-transparent side walls] [N1202]
- B62B3/00B6 . . [N: Details of doors or cover lids] [N1202]
- B62B3/00B8 . . [N: Details of storage means, e.g. drawers, bins or racks] [N1202]
- B62B3/00C . [N: for stacking objects like trays, bobbins, chains]
- B62B3/00D . [N: Coaster wagons] [N9903]
- B62B3/00M . [N: having more than two axes] [N9605]
- B62B3/00S . [N: of the single-track type] [N9502]
- B62B3/02 . involving parts being adjustable, collapsible, attachable, detachable or convertible
- B62B3/02B . . [N: folding down the body to the wheel carriage or by retracting projecting parts]

- (collapsible containers B65D, e.g. B65D7/24, B65D9/12, B65D11/18)] [C0705]
- B62B3/02R . . [N: Foldable roll containers] [N9712]
- B62B3/02S . . [N: collapsible shopping trolleys] [N9512]
- B62B3/04 . involving means for grappling or securing in place objects to be carried; Loading or unloading equipment
- B62B3/06 . . for simply clearing the load from the ground (masted lift trucks [B66F](#))
- B62B3/06B . . . [N: manually operated]
- B62B3/06C . . . [N: power operated]
- B62B3/06F . . . [N: using fluid lifting mechanisms] [N1202]
- B62B3/06K . . . [N: using rigid mechanical lifting mechanisms, e.g. levers, cams or gears] [N1202]
- B62B3/06K2 [N: with a parallelogram linkage] [N1202]
- B62B3/06M . . . [N: using flexible mechanical lifting mechanisms, e.g. ropes or chains] [N1202]
- B62B3/06T . . . [N: the wheels remaining stationary while the supporting surface is lifted] [N9802]
- B62B3/08 . involving tiltably-mounted containers
- B62B3/10 . characterised by supports specially adapted to objects of definite shape
- B62B3/10A . . [N: the objects being of elongated shape, e.g. rods or golf clubs] [N1202]
- B62B3/10C . . [N: the object being of cylindrical shape, e.g. barrels, buckets, dustbins]
- B62B3/10D . . [N: the objects being bags]
- B62B3/10P . . [N: the objects being plates, doors, panels, or the like] [N9611]
- B62B3/12 . characterised by three-wheeled construction
- B62B3/14 . characterised by provisions for nesting or stacking, e.g. shopping trolleys [N: collapsible shopping trolleys [B62B3/02S](#)] [N9512]
- B62B3/14B . . [N: Means for facilitating stowing or transporting of the trolleys; Antitheft arrangements ([B62B5/04A7](#) takes precedence)] [N9512]
- B62B3/14D . . [N: Display devices mounted on it, e.g. advertisement displays] [N1204]
- B62B3/14D2 . . . [N: mounted on the frame] [N1202]
- B62B3/14D4 . . . [N: mounted on the handle] [N1202]
- B62B3/14D6 . . . [N: mounted on the basket] [N1202]
- B62B3/14D8 . . . [N: Electronic display devices] [N1202]
- B62B3/14E . . [N: Adaptations for calculators, memory aids or reading aids] [N9512] [C1202]
- B62B3/14E2 . . . [N: mounted in the locking device] [N9712]
- B62B3/14F . . [N: Covers, e.g. for protection in rain] [N9512]
- B62B3/14K . . [N: Adaptations for transporting children; Mounting of toys for the children] [N9512] [M1012]
- B62B3/14K2 . . . [N: Transporting devices mounted on the shopping cart] [N1202]
- B62B3/14K4 . . . [N: Linings or cushions] [N1202]
- B62B3/14K6 . . . [N: Safety belts] [N1202]
- B62B3/14K8 . . . [N: Mounting of toys] [N1202]
- B62B3/14L . . [N: Lockers, hooks e.g. for personal belongings] [N9512]

- B62B3/14M . . [N: Bags or containers specially adapted to the baskets] [N1202]
- B62B3/14N . . [N: Additional trays] [N1202]
- B62B3/14O . . [N: Supports for specific articles ([B62B3/14N](#) takes precedence)] [N1202]
- B62B3/14P . . [N: the main load support being a platform] [N9512]
- B62B3/14R . . [N: Adaptations facilitating the transport to the counter] [N1202]
- B62B3/14R2 . . . [N: by an auxiliary access to the inside of the basket] [N1202]
- B62B3/14S . . [N: Indicating or preventing transport of goods under the basket] [N1202]
- B62B3/14W . . [N: Wheel arrangements] [N9609]
- B62B3/14Z . . [N: Assembling of baskets to the wheeled support] [N1202]
- B62B3/16 . . vertically stackable [N9512]
- B62B3/16B . . . [N: roll baskets] [N1202]
- B62B3/18 . . nestable by means of pivoted supports or support parts, e.g. baskets [N: ([B62B3/14P](#) takes precedence)] [N9512]
- B62B3/18S . . . [N: Swinging baskets] [N9512]
- B62B3/18T . . . [N: Nestable roll containers] [N9602]
- B62B3/18T2 [N: V-shaped when nested] [N9602]
- B62B3/18T4 [N: Z-shaped when nested] [N9712]

- B62B5/00** **Accessories or details specially adapted for hand carts** ([N: [B62B3/14B](#)], [B62B9/00](#) take precedence; wheels, axles, or axle bearing for vehicles B60B; castors for vehicles, castors in general [B60B33/00](#))

- B62B5/00A . [N: Adaptations for loading in or on a vehicle] [N9705]
- B62B5/00B . [N: Bumpers; Safety devices] [N9512]
- B62B5/00B2 . . [N: Stops for moving parts, e.g. rubber elements to eliminate stop noise] [N1202]
- B62B5/00C . [N: Protection covers, e.g. against rain] [N9712]
- B62B5/00F . [N: Adaptations for connection to perambulators] [N9512] [M1202]
- B62B5/00G . [N: Adaptations for moving the carts by wheel chair users or other disabled persons] [N9512]
- B62B5/00H . [N: Arrangements for carrying as a back-pack] [N9504] [C9802]
- B62B5/00P . [N: Propulsion aids] [N9512]
- B62B5/00P1 . . [N: Combustion engines] [N1105] [C1202]
- B62B5/00P2 . . [N: Electric motors] [N1202]
- B62B5/00P2A . . . [N: Arrangements of motors] [N1202]
- B62B5/00P2A2 [N: in wheels] [N1202]
- B62B5/00P2A4 [N: One motor drives one wheel] [N1202]
- B62B5/00P2A6 [N: One motor drives two wheels] [N1202]
- B62B5/00P2A8 [N: Detachably mounted motor units] [N1202]
- B62B5/00P2B . . . [N: Arrangements of batteries] [N1202]
- B62B5/00P2C . . . [N: Energy recuperation] [N1202]

- B62B5/00P3 . . [N: facilitating hand propulsion when motor fails] [N1202]
- B62B5/00P4 . . [N: guiding, e.g. by a rail] [N1202]
- B62B5/00P5 . . [N: Transmission of movement] [N1204]
- B62B5/00P6 . . [N: Control] [N1202]
- B62B5/00P6F . . . [N: Measuring a force] [N1202]
- B62B5/00P6R . . . [N: Remotely controlled] [N1202]
- B62B5/00P8 . . [N: Towing by connecting to another vehicle] [N1202]

- B62B5/00S . [N: Wheeled supports connected to the transported object] [N9504]
- B62B5/00S2 . . [N: arranged independently on either side of the transported load] [N1202]
- B62B5/00S4 . . [N: Lifting lever on wheels or rollers] [N1202]
- B62B5/00S6 . . [N: Flat dollies without hand moving equipment] [N1204]

- B62B5/00Z . [N: Identification of the cart or merchandise, e.g. by barcodes or radio frequency identification (RFID)] [N1202]

- B62B5/02 . providing for travelling up or down a flight of stairs (chairs or multi-track cycles specially adapted for invalids [A61G5/00](#)) [C9410]
- B62B5/02E . . [N: specially adapted for escalators] [N9410]
- B62B5/02P . . [N: using an upwards pushing device] [N9712]
- B62B5/02R . . [N: with gliding elements, e.g. skids] [N9712]
- B62B5/02W . . [N: with spiders or adapted wheels] [N9503]
- B62B5/02X . . [N: with excentrically mounted wheels] [N9712]

- B62B5/04 . Braking mechanisms; Locking devices against movement [C9410]
- B62B5/04A . . [N: automatic] [N1202]
- B62B5/04A2 . . . [N: when user rises from seat] [N1202]
- B62B5/04A3 . . . [N: dead man's brakes] [N1204]
- B62B5/04A5 . . . [N: braking when nested] [N1204]
- B62B5/04A7 . . . [N: braking or blocking when leaving a particular area] [N1204]
- B62B5/04A9 . . . [N: braking when supported on a transport belt] [N1204]
- B62B5/04F . . [N: foot operated] [N1202]
- B62B5/04H . . [N: hand operated] [N1202]
- B62B5/04H2 . . . [N: using a handle bar alone] [N1202]
- B62B5/04H4 . . . [N: using elements cooperating with a handle bar] [N1202]
- B62B5/04K . . [N: by hydraulic means] [N1202]
- B62B5/04L . . [N: by locking in a braking position] [N1202]
- B62B5/04L3 . . . [N: with positive engagement] [N1202]
- B62B5/04M . . [N: by turning the wheels in different directions, e.g. toe-in] [N1202]
- B62B5/04W . . [N: Rim brakes] [N1202]
- B62B5/04X . . [N: Hub brakes; drum brakes] [N1202]
- B62B5/04Y . . [N: by braking on the running surface, e.g. the tyre] [N1202]
- B62B5/04Z . . [N: locking against movement by contacting the floor or a wall] [N9806]
- B62B5/04Z2 . . . [N: by contacting a wall] [N1202]

- B62B5/06 . Hand moving equipment, e.g. handle bars ([for cycles B62K11/14, B62K21/12](#)) [C9410]
- B62B5/06B . . [N: both ends or periphery of cart fitted with handles] [N1202]
- B62B5/06E . . [N: elastically mounted, e.g. for wheelbarrows] [N1202]
- B62B5/06F . . [N: for low-lift hand trucks] [N1202]
- B62B5/06P . . [N: adaptable for different users, e.g. by means of pivoting elements] [N1202]
- B62B5/06P2 . . . [N: by means of telescopic elements] [N1202]
- B62B5/06R . . [N: Handle bars rotatable about their longitudinal axis] [N1202]
- B62B5/06S . . [N: Stowable or retractable handle bars] [N1202]
- B62B5/06T . . [N: Connections to the body for moving the cart, e.g. harnesses] [N9712] [M1202]
- B62B5/06U . . [N: Removable sleeves on handle bars, e.g. for protection against germs] [N1202]

- B62B5/08 . Children`s seats ([B62B3/14 takes precedence](#)); [N: Seats or supports for other persons] [N9512]
- B62B5/08B . . [N: Children`s seats] [N9512]
- B62B5/08C . . [N: Resting seats] [N9512]
- B62B5/08D . . [N: Platforms to stand upon] [N1202]

Guide heading: **Carriages for children; Perambulators** ([chairs or multi-track cycles specially adapted for invalids A61G5/00](#)) [C9410]

B62B7/00

Carriages for children; Perambulators, e.g. dolls` perambulators

- B62B7/00F . [N: having a single central pillar] [N1202]
- B62B7/00H . [N: Carriages supporting a hammock-style seat] [N1202]
- B62B7/00S . [N: Carriages supporting a rigid seat ([when detachable or rotatable B62B7/14B](#))] [N1202]
- B62B7/00T . [N: for two or more children] [N1202]
- B62B7/02 . having only a single wheel axis
- B62B7/04 . having more than one wheel axis; Steering devices therefor
- B62B7/04B . . [N: Steering devices] [N1202]
- B62B7/04D . . [N: three wheeled] [N1202]
- B62B7/04D2 . . . [N: with interchangeable front wheel unit] [N1202]
- B62B7/04S . . [N: Single track type] [N1202]
- B62B7/06 . . collapsible or foldable
- B62B7/06C . . . [N: Coupling unit between front wheels, rear wheels and handle] [N1202]
- B62B7/06P . . . [N: the handle bar being parallel to the front leg] [N1202]
- B62B7/06P2 [N: the handle bar moves in parallel relation during folding] [N1202]
- B62B7/06U . . . [N: by sliding a bushing along a rod, e.g. like folding means of an umbrella] [N1202]
- B62B7/08 . . . in the direction of, or at right angles to, the wheel axis

- B62B7/08B [N: the wheel axes being moved from each other during folding]
- B62B7/08T [N: becoming smaller in all three dimensions] [N1202]
- B62B7/10 . . . by folding down the body to the wheel carriage or by retracting projecting parts into the box-shaped body [C1202]
- B62B7/10F [N: with the wheels staying in a fixed relation to each other] [N1202]
- B62B7/12 . . convertible, e.g. into children`s furniture or toy (children`s chairs convertible to pushchairs [A47D1/06](#)) [C1202]
- B62B7/12L [N: from seat to bed (B62B7/14R, B62B9/10S2 take precedence)] [N1204]
- B62B7/12T [N: into a trailer, e.g. bicycle trailer] [N1202]
- B62B7/14 . . with detachable or rotatably-mounted body (the body usable as a child's seat in a vehicle B60N2/28G4) [N1204]
- B62B7/14A [N: Means for securing the body to the frame] [N1202]
- B62B7/14B [N: the body being a rigid seat, e.g. a shell] [N1202]
- B62B7/14R [N: rotatable as a whole to transform from seating to lying] [N1202]

B62B9/00 **Accessories or details specially adapted for children`s carriages or perambulators**
(providing for travelling on snow [B62B19/00](#))

- B62B9/00S . . [N: Safety means for traffic, e.g. lights, reflectors, mirrors etc. (Signaling means for cycles [B62J](#))] [N0409]
- [N: **Warning**
[N0409]
Not complete, see also [B62B9/00](#)
]
- B62B9/02 . . providing for travelling up or down a flight of stairs
- B62B9/04 . . . with runners, e.g. sledge runners
- B62B9/06 . . . with spiders or the like
- B62B9/08 . . Braking mechanisms; Locking devices against movement [C9410]
- B62B9/08F . . . [N: foot operated] [N1202]
- B62B9/08H . . . [N: hand operated] [N1202]
- B62B9/08P . . . [N: by locking in a braking position] [N1202]
- B62B9/10 . . Perambulator bodies; Equipment therefor (collapsible or foldable [B62B7/06](#); convertible [B62B7/12](#)) [M1202]
- B62B9/10S . . . [N: characterized by details of the seat] [N1202]
- B62B9/10S2 [N: with adjustable or reclining backrests] [N1202]
- B62B9/10S4 [N: with head guards] [N1202]
- B62B9/10S6 [N: Linings or cushions] [N1204]
- B62B9/12 . . involving parts that are adjustable, attachable or detachable [N: ([B62B9/10S](#), [B62B9/14](#) take precedence)] [C1202]
- B62B9/14 . . [N: Equipment protecting from environmental influences, e.g.] Hoods; Weather screens; Cat nets [C1012]
- B62B9/14S [N: by flexible canopies, covers or nets] [N1012]
- B62B9/14S2 [N: of the roll-up type] [N1012]

- B62B9/14U . . . [N: Attachments or holders for umbrellas, parasols or sunshade panels (details of umbrellas [A45B25/00](#))] [N1012]
- B62B9/16 . Mud-guards or protecting devices for wheels
- B62B9/18 . Resilient suspensions of bodies
- B62B9/18S . . [N: by springs between seat and frame] [N1202]
- B62B9/20 . Handle bars; Handles
- B62B9/20C . . [N: movable from front end to rear end position] [N1202]
- B62B9/20T . . [N: with two separate bars, i.e. not interconnected] [N1202]
- B62B9/22 . Devices for rocking or oscillating
- B62B9/24 . Safety guards for children, e.g. harness (cat nets [B62B9/14](#); devices for use in guiding or supporting children, e.g. safety harness [A47D13/08](#))
- B62B9/24G . . [N: Removable front guards, e.g. with a tray] [N1012]
- B62B9/26 . Securing devices for bags or toys; [N: Arrangements of racks, bins, trays or other devices for transporting articles]
- B62B9/28 . Auxiliary dismountable seats; [N: Additional platforms for children in standing-up position] [C9803]

- B62B11/00** **Hand-propelled vehicles not otherwise provided for** (rider propulsion of vehicles [B62M1/00](#))

- Guide heading:** **Sledges** (characterised by animal propulsion [B62C](#); propulsion of sledges by driver or engine [B62M](#))

- B62B13/00** **Sledges with runners** (ice boats or sailing sledges [B62B15/00](#))

- B62B13/00A . [N. comprising articulated sledge segments] [N1110]
- B62B13/02 . characterised by arrangement of runners
- B62B13/04 . . arranged in a single line
- B62B13/04B . . . [N: having one single runner (Monoski [A63C5/03](#))] [N0409]
- [N: **Warning**
[N0409]
Not complete, see [B62B13/04](#)
]
- B62B13/04S . . . [N: with steering devices] [N1110]
- B62B13/06 . . arranged in two or more parallel lines
- B62B13/08 . . . with steering devices
- B62B13/10 with swivelling portions of the runners; with a swivelling middle runner
- B62B13/12 with tilting or bending runners
- B62B13/12B [N: the runners being bent in the shape of the curve to follow]

- B62B13/14 combined with braking devices
- B62B13/16 . Collapsible or foldable sledges
- B62B13/18 . Vehicles having alternatively-usable runners and wheels [N: or other transport means] [C1110]
- B62B15/00** **Other sledges; Ice boats or sailing sledges**
- B62B15/00B . [N: propelled by sails] [N9410]
- B62B15/00B2 . . [N: having skis or runners] [N1110]
- B62B15/00B4 . . [N: having floats] [N1110]
- B62B15/00B6 . . [N: having wheels] [N1110]
- B62B15/00B6B . . . [N: the arrangement is similar to a bicycle] [N1110]
- B62B15/00I . [N: Inflatable sledges] [N1110]
- B62B15/00T . [N: Towed sledges] [N1110]
- B62B15/00W . [N: Wheeled sledges ([B62B13/18](#) and [B62B15/00B](#) take precedence)] [N9412]
- B62B15/00W2 . . [N: Wheels attachable to the runners] [N1204]
- B62B17/00** **Accessories or details of sledges [N: (propulsion devices for sledges [B62M27/00](#), [B62M29/00](#))] [C1110]**
- B62B17/00S . [N: Safety devices] [N1110]
- B62B17/02 . Runners ([attachable to or replacing vehicle wheels \[B62B19/00\]\(#\)](#))
- B62B17/04 . . resiliently suspended
- B62B17/06 . Superstructures; Attachments therefor
- B62B17/06H . . [N: Handles] [N1110]
- B62B17/06R . . [N: Resilient suspensions of bodies ([B62B17/04](#) takes precedence)] [N1110]
- B62B17/06S . . [N: Seats or other supports specially adapted for the user] [N1110]
- B62B17/06S2 . . . [N: the user being standing up] [N1110]
- B62B17/06S4 . . . [N: the user being hanging in a harness] [N1110]
- B62B17/06S6 . . . [N: the user being sitting on his knees] [N1110]
- B62B17/06S8 . . . [N: the user being laying on his belly] [N1110]
- B62B17/08 . Braking devices
- B62B19/00** **Runners for carrying wheeled vehicles to facilitate travel on ice or snow**
- B62B19/02 . attachable to wheels
- B62B19/04 . replacing wheels