

## ECLA EUROPEAN CLASSIFICATION

- F41B WEAPONS FOR PROJECTING MISSILES WITHOUT USE OF EXPLOSIVE OR COMBUSTIBLE PROPELLANT CHARGE; WEAPONS NOT OTHERWISE PROVIDED FOR** (projectiles for fishing, e.g. fish-spears, [A01K81/00](#); sports implements for throwing [A63B65/00](#), e.g. boomerangs [A63B65/08](#); stationary apparatus for projecting sports balls, e.g. tennis balls, [A63B69/40](#); throwing or slinging toys [A63H33/18](#); knives, axes [B26B](#); projectiles or missiles other than those incorporating springs as projecting means [F42B6/00](#))
- F41B1/00 Blow guns, i.e. tubes for impelling projectiles, e.g. peas or darts, by the force of the breath** (pop guns [A63H](#))
- F41B3/00 Sling weapons** (throwing-apparatus for clay-pigeon or clay-disc targets [F41J9/18](#))
- F41B3/00B . [N: Catapults in pistol or rifle form having a cocking device, i.e. a mechanical device for holding the elastic band]
- F41B3/02 . Catapults, e.g. slingshots
- F41B3/03 . . Catapults having a pivotable launcher arm
- F41B3/04 . Centrifugal sling apparatus
- F41B4/00 Friction-wheel operated launchers**
- F41B5/00 Bows; Crossbows**
- F41B5/00A . [N: Single stave recurve bows] [C1203]
- F41B5/00A2 . . [N: characterised by the material] [N1203]
- F41B5/00A2B . . . [N: fibre reinforced] [N1203]
- F41B5/00A2D . . . [N: laminated] [N1203]
- F41B5/00A4 . . [N: Take-down or foldable bows] [C1203]
- F41B5/00A4B . . . [N: Handle or riser units] [N1203]
- F41B5/00A4B2 . . . . [N: characterised by the material] [N1203]
- F41B5/00A4B2B . . . . . [N: fibre reinforced] [N1203]
- F41B5/00A4B2D . . . . . [N: laminated] [N1203]
- F41B5/00A4D . . . [N: Limbs] [N1203]
- F41B5/00A4D2 . . . . [N: characterised by the material] [N1203]
- F41B5/00A4D2B . . . . . [N: fibre reinforced] [N1203]
- F41B5/00A4D2D . . . . . [N: laminated] [N1203]
- F41B5/00B . [N: Single stave non-recurve bows] [N1203]
- F41B5/00B2 . . [N: characterised by the material] [N1203]
- F41B5/00B2B . . . [N: fibre reinforced] [N1203]

- F41B5/00B2D . . . [N: laminated] [N1203]
- F41B5/00D . [N: Non-traditional bows, e.g. having hinged limbs or non-stave geometry] [N1203]
- F41B5/06 . Quivers
- F41B5/06B . . [N: worn on the body of the archer] [N1203]
- F41B5/06D . . [N: mounted on the bow or crossbow] [N1203]
- F41B5/10 . Compound bows ([N: compound crossbows [F41B5/12B](#)]) [C1203]
- F41B5/10B . . [N: Cams or pullies for compound bows] [N1203]
- F41B5/12 . Crossbows
- F41B5/12B . . [N: Compound crossbows] [N1203]
- F41B5/12D . . [N: Repeating crossbows; crossbows with magazines] [N1203]
- F41B5/14 . Details of bows; Accessories for arc shooting ([sighting devices for bows F41G1/467](#))
- F41B5/14D . . [N: Details of bows; camera's on bows [F41B5/14H4](#)] [N1203]
- F41B5/14D2 . . . [N: Bow-string silencing devices] [N1203]
- F41B5/14D4 . . . [N: Bow-strings] [N1203]
- F41B5/14D4B . . . . [N: Nocking points] [N1203]
- F41B5/14D4D . . . . [N: String mounted peep sights ([sights mounted on the bow itself F41G1/467](#))] [N1203]
- F41B5/14D4F . . . . [N: Kissers] [N1203]
- F41B5/14D6 . . . [N: Bow stabilisers or vibration dampers] [N1203]
- F41B5/14D8 . . . [N: Arrow rests or guides] [N1203]
- F41B5/14D10 . . . [N: Clickers or draw indicators] [N1203]
- F41B5/14D12 . . . [N: Buttons] [N1203]
- F41B5/14F . . [N: Accessories for arc or bow shooting] [N1203]
- F41B5/14F2 . . . [N: Arrow fletching jigs] [N1203]
- F41B5/14F4 . . . [N: Bow tensioning devices; Bow presses; Rigs for bow assembly or maintenance] [N1203]
- F41B5/14F6 . . . [N: Stands, rests or racks for bows] [N1203]
- F41B5/14F8 . . . [N: Cases, bags or covers for bows] [N1203]
- F41B5/14F10 . . . [N: Devices for hands-free carrying of strung bows] [N1203]
- F41B5/14F12 . . . [N: Arrow pullers] [N1203]
- F41B5/14F14 . . . [N: Bow-string drawing or releasing devices ([F41B5/14F16 takes precedence](#))] [N1203]
- F41B5/14F16 . . . [N: Archer's finger tabs] [N1203]
- F41B5/14F18 . . . [N: Devices for archery training] [N1203]
- F41B5/14F20 . . . [N: Accessories and tools for bow shooting not otherwise provided for] [N1203]
- F41B5/14H . . [N: Bows with special adaptations or devices for special purposes] [N1203]
- F41B5/14H2 . . . [N: with reels for fishing or arrow retrieval] [N1203]
- F41B5/14H4 . . . [N: with cameras; mounting of cameras on bows] [N1203]
- F41B5/14H6 . . . [N: with camouflage; Mounting of camouflage on bows] [N1203]
- F41B6/00** **Electromagnetic launchers;** [N: Plasma-actuated launchers ([projectiles for](#)

electromagnetic or plasma guns [F42B6/00C](#)]

- F41B6/00B . [N: using at least one driving coil for accelerating the projectile, e.g. an annular coil] [N9509]
- F41B6/00D . [N: Rail launchers] [N0608]
- F41B7/00** **Spring guns** ([N: [F41J9/18](#) takes precedence; catapults having a cocking device [F41B3/00B](#); catapults [F41B3/02](#); [N: throwing apparatus for boomerangs [A63B65/08](#); spring-loaded devices for projecting sporting balls [A63B69/40E](#)]) [C9412]
- F41B7/00A . [N: Spring guns in pistol or rifle form]
- F41B7/00B . [N: Adaptations for feeding or loading missiles from magazines]
- F41B7/02 . the spring forming part of the missile or projectile
- F41B7/02B . . [N: Rubber-band projecting guns]
- F41B7/04 . adapted to discharge harpoons
- F41B7/04B . . [N: Accessories therefor]
- F41B7/04B2 . . . [N: Trigger mechanisms therefor]
- F41B7/08 . Toy guns, [N: i.e. guns launching objects of the gliding type, e.g. airplanes, parachute missiles ([F41B7/00B](#) and [F41B7/02](#) take precedence)]
- F41B9/00** **Liquid ejecting guns, e.g. water pistols**, [N: devices ejecting electrically charged liquid jets, devices ejecting liquid jets by explosive pressure] [C1010]
- F41B9/00B . [N: characterised by the pressurisation of the liquid (for launching torpedoes or stores from submarines [F41F3/10](#))] [N1010]
- F41B9/00B2 . . [N: the liquid being pressurised prior to ejection] [N1010]
- F41B9/00B2B . . . [N: the pressurised liquid being contained in an expandable chamber, e.g. a bladder or a chamber with a spring-loaded slidable wall] [N1010]
- F41B9/00B2B2 . . . . [N: the gun having an unpressurised liquid reservoir] [N1010]
- F41B9/00B2D . . . . [N: the liquid being pressurised by compressed gas, e.g. air (pressurisation by explosion gases [F41B9/00B4F](#))] [N1010]
- F41B9/00B2D2 . . . . . [N: the gas being compressed utilising a manual piston pump] [N1010]
- F41B9/00B2D4 . . . . . [N: the gas being compressed by non-manual pumping means, e.g. an electric pump] [N1010]
- F41B9/00B2D6 . . . . . [N: the pressurised liquid and the compressed gas being physically separated from each other, e.g. by a movable wall] [N1010]
- F41B9/00B2D8 . . . . . [N: the gun having an unpressurised liquid reservoir] [N1010]
- F41B9/00B4 . . [N: the liquid being pressurised at the moment of ejection] [N1010]
- F41B9/00B4B . . . [N: Pressurisation by deformation of the gun body] [N1010]
- F41B9/00B4D . . . [N: Pressurisation by a piston] [N1010]
- F41B9/00B4D2 . . . . [N: the piston movement being mechanically coupled to the trigger movement, e.g. the piston being part of the trigger] [N1010]

- F41B9/00B4F . . . [N: Pressurisation by explosive pressure] [N1010]
- F41B9/00B4F2 . . . . [N: Disruptors, i.e. for neutralising explosive devices] [N1010]
- F41B9/00B6 . . [N: the gun being connected to an external source of pressurised liquid during use of the gun, i.e. at least during ejection of the liquid] [N1010]
- F41B9/00B6B . . . [N: the external source being a pressurised water supply system, e.g. the municipal water supply system or a water supply system onboard a ship] [N1010]
- F41B9/00B6D . . . [N: the external source being open water and the pressure being generated by an intake travelling at high speed through the water] [N1010]
  
- F41B9/00D . [N: characterised by the number or kind of pressure or storage chambers] [N1010]
- F41B9/00D2 . . [N: the liquid being stored in the handle, grip or stock of the gun] [N1010]
- F41B9/00D4 . . [N: with removable storage tanks] [N1010]
- F41B9/00D6 . . [N: with more than one storage tank] [N1010]
  
- F41B9/00F . [N: characterised by special valve arrangements] [N1010]
  
- F41B9/00H . [N: characterised by special nozzle arrangements, e.g. for a swirling effect or a directional effect] [N1010]
  
- F41B9/00J . [N: characterised by the gun housing, e.g. its shape or concealment] [N1010]
- F41B9/00J2 . . [N: Special gun housing shapes, e.g. in the form of animals, airplanes, toys or figurines] [N1010]
- F41B9/00J4 . . [N: Concealed gun housings, e.g. concealed nozzles in a garment] [N1010]
  
- F41B9/00L . [N: characterised by the intended use, e.g. for self-defence, law-enforcement, industrial use, military purposes ([F41B9/00B4F2](#) takes precedence)] [N1010]
- F41B9/00L2 . . [N: for ejecting electrically charged jets] [N1010]
- F41B9/00L4 . . [N: for riot control, e.g. water cannons therefor] [N1010]
  
- F41B9/00N . [N: having means for mixing other agents with the liquid] [N1010]
  
- F41B11/00**      **Compressed-gas guns, e.g. air guns; Steam guns [C1208]**
  
- F41B11/50 . Magazines for compressed-gas guns; Arrangements for feeding or loading projectiles from magazines [N1208]
- F41B11/51 . . the magazine being an integral, internal part of the gun housing [N1208]
- F41B11/52 . . the projectiles being loosely held in a magazine above the gun housing, e.g. in a hopper [N1208]
- F41B11/53 . . . the magazine having motorised feed-assisting means [N1208]
  
- [N: **WARNING** [N1208]  
                  This group is not complete pending reclassification; see also group [F41B11/52](#)  
                  ]
- F41B11/54 . . the projectiles being stored in a rotating drum magazine [N1208]
- F41B11/55 . . the projectiles being stored in stacked order in a removable box magazine, rack or tubular magazine [N1208]
- F41B11/56 . . . the magazine also housing a gas cartridge [N1208]
- F41B11/57 . . Electronic or electric systems for feeding or loading (F41B11/53 takes precedence)

[N1208]

- F41B11/60 . characterised by the supply of compressed gas [N1208]
- F41B11/62 . . with pressure supplied by a gas cartridge [N1208]
- F41B11/64 . . having a piston effecting a compressor stroke during the firing of each shot [N1208]
- F41B11/641 . . . the piston being hand operated [N1208]
- F41B11/642 . . . the piston being spring operated [N1208]
- F41B11/643 . . . . the piston being arranged concentrically with the barrel [N1208]
- F41B11/644 . . . . having an additional slidable mass moving in the opposite direction to the piston, e.g. for recoil reduction [N1208]
- F41B11/645 . . . . . the slidable mass being a compressor piston [N1208]
- F41B11/646 . . . . Arrangements for putting the spring under tension [N1208]
- F41B11/647 . . . . . by a rocker lever [N1208]
- F41B11/648 . . . . . in breakdown air guns [N1208]
- F41B11/66 . . having deformable bellows or chambers pressed during firing, e.g. by deformation of the body of the gun [N1208]
- F41B11/68 . . the gas being pre-compressed before firing (F41B11/62 takes precedence) [N1208]
- F41B11/681 . . . Pumping or compressor arrangements therefor [N1208]
- F41B11/682 . . . . Pressure accumulation tanks [N1208]
- F41B11/683 . . . . operated by a rocker-lever system [N1208]
- F41B11/684 . . . . in breakdown air guns [N1208]
- F41B11/70 . Details not provided for in F41B11/50 or F41B11/60 [N1208]
- F41B11/71 . . Electric or electronic control systems, e.g. for safety purposes (F41B11/57 takes precedence) [N1208]
- F41B11/72 . . Valves; Arrangement of valves [N1208]

[N: **WARNING** [N1208]

Groups [F41B11/721](#) to [F41B11/724](#) are not complete pending reclassification; see also group [F41B11/72](#)  
]

- F41B11/721 . . . for regulating gas pressure for both firing the projectile and for loading or feeding [N1208]
- F41B11/722 . . . for regulating gas pressure for loading or feeding only [N1208]
- F41B11/723 . . . for regulating gas pressure for firing the projectile only [N1208]
- F41B11/724 . . . for gas pressure reduction [N1208]
- F41B11/73 . . Sealing arrangements; Pistons [N1208]
- F41B11/80 . specially adapted for particular purposes [N1208]
- F41B11/81 . . for ejecting powder, e.g. pepper [N1208]
- F41B11/83 . . for launching harpoons [N1208]
- F41B11/85 . . for launching hypodermic projectiles [N1208]

[N: **WARNING** [N1208]

This group is not complete pending reclassification; see also groups [F41B11/50-F41B11/724](#)  
]

- F41B11/87 . . . for industrial purposes, e.g. for surface treatment [N1208]  
  - [N: **WARNING** [N1208]
  - This group is not complete pending reclassification; see also groups [F41B11/50-F41B11/724](#)
  - ]
- F41B11/89 . . . for toys [N1208]
- F41B13/00** **Thrusting-weapons** (bayonets [F41C27/18](#)); **Cutting-weapons carried as side-arms** (training appliances for fencing [A63B69/02](#); sheaths for hand cutting tools [B26B29/00](#); [N: firearms combined with thrusting or cutting weapons [F41C27/16](#)])
- F41B13/02 . Sabres; Cutlasses; Swords; Epees [N: (toy swords [A63H33/00S](#))] [C9611]  
  - [N: **Note**
  - Documents characterised by electric contact means for indicating hits in fencing are classified in [A63B69/02](#)
  - ]
- F41B13/04 . . Sheaths or scabbards therefor; [N: Wearing gear therefor]
- F41B13/06 . . . for concealment, e.g. swordsticks
- F41B13/08 . Daggers; Stiletos
- F41B13/10 . Lances; Pikes (spears for sporting purposes [A63B65/02](#))
- F41B15/00** **Weapons not otherwise provided for** [N: e.g. nunchakus, throwing knives]
- F41B15/02 . Batons; Truncheons; Sticks; Shillelaghs
- F41B15/02B . . [N: of telescopic type] [N0410]
- F41B15/02B2 . . . [N: the telescoping sections being locked by coacting conical end surfaces, i.e. by friction] [N0410]
- F41B15/02B4 . . . [N: the telescoping sections being locked by an additional mechanical locking element] [N0410]
- F41B15/04 . . with electric stunning-means [N: (ejecting electrically charged liquid jets [F41B9/00](#); electric shock creating harpoons [F42B30/14](#); electric circuits or apparatus for killing or stunning [H05C](#))]
- F41B15/06 . . with inserted knives or spikes
- F41B15/08 . Knuckledusters
- F41B15/10 . Bolas