

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](#)
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- 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](#)
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- 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