SECTION F — MECHANICAL ENGINEERING; LIGHTING; HEATING; WEAPONS; BLASTING

F41 WEAPONS

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, A01K 81/00; sports implements for throwing A63B 65/00, e.g. boomerangs A63B 65/08; stationary apparatus for projecting sports balls, e.g. tennis balls, A63B 69/40; throwing or slinging toys A63H 33/18, knives, axes B26B; projectiles or missiles other than those incorporating springs as projecting means F42B 6/00)

Subclass index

BLOW GUNS....1/00
SLING WEAPONS....3/00
FRICTION-WHEEL OPERATED LAUNCHERS....4/00
BOWS, CROSSBOWS....5/00
ELECTROMAGNETIC LAUNCHERS....6/00
SPRING GUNS....7/00
LIQUID PRESSURE GUNS, e.g. WATER PISTOLS....9/00
COMPRESSED-GAS GUNS, STEAM GUNS....11/00
THRUSTING WEAPONS, CUTTING WEAPONS CARRIED AS SIDE-ARMS....13/00
OTHER WEAPONS....15/00

1/00 Blow guns, i.e. tubes for impelling projectiles, e.g. peas or darts, by the force of the breath (pop guns A63H) **[1, 2006.01]**

3/00 Sling weapons (throwing-apparatus for clay-pigeon or clay-disc targets F41J 9/18) **[1, 2006.01]**
3/02 • Catapults, e.g. slingshots **[1, 3, 2006.01]**
3/03 • • Catapults having a pivotable launcher arm **[5, 2006.01]**
3/04 • Centrifugal sling apparatus **[1, 3, 2006.01]**

4/00 Friction-wheel operated launchers [5, 2006.01]

5/00 Bows; Crossbows [1, 2006.01]
5/06 • Quivers **[1, 3, 2006.01]**
5/10 • Compound bows **[5, 2006.01]**
5/12 • Crossbows **[5, 2006.01]**
5/14 • Details of bows; Accessories for arc shooting (sighting devices for bows F41G 1/467) **[5, 2006.01]**
5/16 • • Archer's finger tabs (sporting arm or hand protectors in general A41D 13/08) **[5, 2006.01]**
5/18 • • Bow-string drawing or releasing devices (F41B 5/16 takes precedence) **[5, 2006.01]**
5/20 • • Bow stabilisers or vibration dampers **[5, 2006.01]**
5/22 • • Arrow rests or guides **[5, 2006.01]**

6/00 Electromagnetic launchers [5, 2006.01]

7/00 Spring guns (catapults F41B 3/02) **[1, 2006.01]**
7/02 • the spring forming part of the missile or projectile **[1, 2006.01]**
7/04 • adapted to discharge harpoons **[1, 2006.01]**
7/08 • Toy guns **[1, 2006.01]**

9/00 Liquid ejecting guns, e.g. water pistols [1, 2006.01]

11/00 Compressed-gas guns, e.g. air guns; Steam guns [1, 2006.01, 2013.01]
11/50 • Magazines for compressed-gas guns; Arrangements for feeding or loading projectiles from magazines **[2013.01]**
11/51 • • the magazine being an integral, internal part of the gun housing **[2013.01]**
11/52 • • the projectiles being loosely held in a magazine above the gun housing, e.g. in a hopper **[2013.01]**
11/53 • • • the magazine having motorised feed-assisting means **[2013.01]**
11/54 • • the projectiles being stored in a rotating drum magazine **[2013.01]**
11/55 • • the projectiles being stored in stacked order in a removable box magazine, rack or tubular magazine **[2013.01]**
11/56 • • • the magazine also housing a gas cartridge **[2013.01]**
11/57 • • Electronic or electric systems for feeding or loading (F41B 11/53 takes precedence) **[2013.01]**
11/60 • characterised by the supply of compressed gas **[2013.01]**
11/62 • • with pressure supplied by a gas cartridge **[2013.01]**
11/64 • • having a piston effecting a compressor stroke during the firing of each shot **[2013.01]**
11/641 • • • the piston being hand operated **[2013.01]**
11/642 • • • the piston being spring operated **[2013.01]**
11/643 • • • • the piston being arranged concentrically with the barrel **[2013.01]**
11/644 • • • • having an additional slidable mass moving in the opposite direction to the piston, e.g. for recoil reduction **[2013.01]**

11/645 • • • • • the slidable mass being a compressor piston **[2013.01]**
11/646 • • • • Arrangements for putting the spring under tension **[2013.01]**
11/647 • • • • • by a rocker lever **[2013.01]**
11/648 • • • • • • in breakdown air guns **[2013.01]**
11/66 • • having deformable bellows or chambers pressed during firing, e.g. by deformation of the body of the gun **[2013.01]**
11/68 • • the gas being pre-compressed before firing (F41B 11/62 takes precedence) **[2013.01]**
11/681 • • • Pumping or compressor arrangements therefor **[2013.01]**
11/682 • • • • Pressure accumulation tanks **[2013.01]**
11/683 • • • • operated by a rocker-lever system **[2013.01]**
11/684 • • • • • in breakdown air guns **[2013.01]**
11/70 • Details not provided for in F41B 11/50 or F41B 11/60 **[2013.01]**
11/71 • • Electric or electronic control systems, e.g. for safety purposes **[2013.01]**
11/72 • • Valves; Arrangement of valves **[2013.01]**
11/721 • • • for regulating gas pressure for both firing the projectile and for loading or feeding **[2013.01]**
11/722 • • • for regulating gas pressure for loading or feeding only **[2013.01]**
11/723 • • • for regulating gas pressure for firing the projectile only **[2013.01]**
11/724 • • • for gas pressure reduction **[2013.01]**
11/73 • • Sealing arrangements; Pistons **[2013.01]**
11/80 • specially adapted for particular purposes **[2013.01]**
11/81 • • for ejecting powder, e.g. pepper **[2013.01]**
11/83 • • for launching harpoons **[2013.01]**
11/85 • • for launching hypodermic projectiles **[2013.01]**
11/87 • • for industrial purposes, e.g. for surface treatment **[2013.01]**
11/89 • • for toys **[2013.01]**

13/00 **Thrusting-weapons** (bayonets F41C 27/18)**; Cutting-weapons carried as side-arms** (training appliances for fencing A63B 69/02; sheaths for hand cutting tools B26B 29/00) **[1, 2006.01]**
13/02 • Sabres; Cutlasses; Swords; Epees **[1, 2006.01]**
13/04 • • Sheaths or scabbards therefor **[1, 2006.01]**
13/06 • • • for concealment, e.g. swordsticks **[1, 2006.01]**
13/08 • Daggers; Stilettoes **[1, 2006.01]**
13/10 • Lances; Pikes (spears for sporting purposes A63B 65/02) **[1, 2006.01]**

15/00 **Weapons not otherwise provided for [1, 2006.01]**
15/02 • Batons; Truncheons; Sticks; Shillelaghs **[1, 2006.01]**
15/04 • • with electric stunning-means **[1, 2006.01]**
15/06 • • with inserted knives or spikes **[1, 2006.01]**
15/08 • Knuckledusters **[1, 2006.01]**
15/10 • Bolas **[1, 2006.01]**