

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

### F41 WEAPONS

**F41F APPARATUS FOR LAUNCHING PROJECTILES OR MISSILES FROM BARRELS, e.g. CANNONS** (smallarms F41C); **LAUNCHERS FOR ROCKETS OR TORPEDOES; HARPOON GUNS** (functional features or details common to both smallarms and ordnance, mountings therefor F41A; projecting missiles without use of explosive or combustible propellant charge F41B) [5]

#### Subclass index

LAUNCHING FROM BARRELS.....	1/00
ROCKET OR TORPEDO LAUNCHERS.....	3/00
LAUNCHING GRAVITY-PROPELLED PROJECTILES OR MISSILES.....	5/00
OTHER LAUNCHING APPARATUS.....	7/00

#### **1/00 Launching apparatus for projecting projectiles or missiles from barrels, e.g. cannons** (F41F 3/00 takes precedence); **Harpoon guns**

- 1/06 • Mortars (base plates therefor F41A 23/54)
- 1/08 • Multibarrel guns, e.g. twin guns [5]
- 1/10 • • Revolving-cannon guns, i.e. multibarrel guns with the barrels and their respective breeches mounted on a rotor; Breech mechanisms therefor [5]

#### **3/00 Rocket or torpedo launchers**

- 3/04 • for rockets
- 3/042 • • the launching apparatus being used also as transport container for the rocket [4]
- 3/045 • • adapted to be carried and used by a person, e.g. bazookas (F41F 3/042 takes precedence) [4]
- 3/048 • • Means for imparting spin to the rocket before launching [4]
- 3/052 • • Means for securing the rocket in the launching apparatus [4]

- 3/055 • • Umbilical connecting means [4]
- 3/058 • • Means for removing duds or misfires [4]
- 3/06 • • from aircraft
- 3/065 • • • Rocket pods, i.e. detachable containers for launching a plurality of rockets [5]
- 3/07 • • Underwater launching-apparatus [4]
- 3/073 • • Silos for rockets, e.g. mounting or sealing rockets therein (F41F 3/077 takes precedence) [5]
- 3/077 • • Doors or covers for launching tubes [5]
- 3/08 • for marine torpedoes
- 3/10 • • from below the surface of the water

#### **5/00 Launching-apparatus for gravity-propelled missiles or projectiles** (from aircraft B64D 1/04)

- 5/04 • from ships, e.g. for mines, for depth charges

#### **7/00 Launching-apparatus for projecting missiles or projectiles otherwise than from barrels** (F41F 3/04 takes precedence) [3]