

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

### F41 WEAPONS

#### F41H ARMOUR; ARMoured TURRETS; ARMoured OR ARMED VEHICLES; MEANS OF ATTACK OR DEFENCE, e.g. CAMOUFLAGE, IN GENERAL

##### Subclass index

##### ARMOUR

Personal protection gear.....1/00

Armour plates, shields.....5/00

CAMOUFLAGE.....3/00

ARMoured OR ARMED VEHICLES.....7/00

FLAME, GAS OR CHEMICAL WARFARE.....9/00

OTHER ATTACK OR DEFENCE MEANS.....11/00, 13/00

**1/00 Personal protection-gear** (shields for personal use F41H 5/08; for protection against chemical warfare A62B)

1/02 • Armoured or projectile- or missile-resistant garments; Composite protection fabrics

1/04 • Protection helmets (crash helmets A42B 3/00)

1/06 • • of steel; Steel head-shields

1/08 • • of plastics; Plastic head-shields

**3/00 Camouflage, i.e. means or methods for concealment or disguise** (for vessels B63G 8/34, B63G 13/02)

3/02 • Covers, e.g. screens, nets (making thereof, see the relevant classes, e.g. D04)

**5/00 Armour; Armour plates** (processes for manufacturing or treating B21, C21)

5/007 • Reactive armour; Dynamic armour [5]

5/013 • Mounting or securing armour plates [5]

5/02 • Plate construction

5/04 • • composed of more than one layer

5/06 • Shields (in ships B63G 9/00; in aircraft B64D 7/00)

5/08 • • for personal use

5/10 • • • Spade bayonets, i.e. usable as a spade, bayonet, or cover against rifle fire

5/12 • • for smallarms; for light-rocket launchers

5/14 • • • Wheeled armoured shields

5/16 • • for ordnance

5/18 • • Rotating shields

5/20 • Turrets

5/22 • Manhole covers, e.g. on tanks (in general F16J)

5/24 • for stationary use, e.g. fortifications

5/26 • Peepholes; Windows (manufacture or composition of glass C03); Covers therefor

**7/00 Armoured or armed vehicles** (general vehicle aspects B60; armoured or armed ships B63G; armoured or armed aircraft B64D; mounting guns, e.g. machine-guns, on vehicles F41A 23/00)

7/02 • Land vehicles with enclosing armour, e.g. tanks (endless-track vehicles, steering thereof B62D)

7/03 • • Air-pressurised compartments for crew; Means for preventing admission of noxious substances, e.g. combustion gas from gun barrels, in crew compartments; Sealing arrangements [5]

7/04 • • Armour construction (in general F41H 5/00)

7/10 • Mine-laying land vehicles

**9/00 Equipment for attack or defence by spreading flame, gas, or smoke; Chemical warfare equipment** (protection against chemicals A62B)

9/02 • Flame-throwing apparatus (for destroying vegetation A01M 15/00)

9/04 • Gas blowing apparatus, e.g. for tear gas (F41H 9/10 takes precedence)

9/06 • Apparatus for generating artificial fog or smoke screens (smoke-pot projectors, e.g. arranged on vehicles, F42B 5/155)

9/08 • • Smoke-pots without propulsive charge, i.e. stationary [5]

9/10 • Hand-held or body-worn self-defence devices using repellant gases or chemicals [5]

**11/00 Defence installations; Defence devices** (constructional aspects, see section E, e.g. E04H 9/04); **Means for clearing or detecting landmines**

11/02 • Anti-aircraft or anti-guided missile defence installations or systems (cartridges or missiles for producing smoke or for dispensing radar chaff or infra-red material F42B 5/15, F42B 12/48, F42B 12/70)

11/04 • • Aerial barrages

11/05 • Net barriers for harbour defence

11/06 • Gun-traps

11/08 • Barbed-wire obstacles; Barricades; Stanchions; Tank traps; Vehicle-impeding devices; Caltraps

11/10 • • Dispensing-apparatus therefor, e.g. devices for dispensing and reeling barbed wire

## F41H

- |        |  |              |  |
|--------|--|--------------|--|
| 11/11  | • • Clearing or neutralising barbed-wire obstacles (smallarm attachments for wire cutting F41C 27/20) <b>[5]</b>                   | 11/18        | • • • with ground-impacting means for activating mines by the use of mechanical impulses, e.g. flails or stamping elements <b>[2011.01]</b>                    |
| 11/12  | • Means for clearing land minefields; Systems specially adapted for detection of landmines <b>[1, 2011.01]</b>                     | 11/20        | • • • with ground-penetrating elements, e.g. with means for removing buried landmines from the soil (F41H 11/18 takes precedence) <b>[2011.01]</b>             |
| 11/13  | • • Systems specially adapted for detection of landmines <b>[2011.01]</b>  | 11/22        | • • • the elements being excavation buckets <b>[2011.01]</b>   |
| 11/132 | • • • Biological systems, e.g. with detection by animals or plants <b>[2011.01]</b>  | 11/24        | • • • the elements being ploughs <b>[2011.01]</b>  |
| 11/134 | • • • Chemical systems, e.g. with detection by vapour analysis <b>[2011.01]</b>  | 11/26        | • • • the elements being rotary ground-penetrating elements <b>[2011.01]</b>   |
| 11/136 | • • • Magnetic, electromagnetic, acoustic or radiation systems, e.g. ground penetrating radars or metal-detectors <b>[2011.01]</b> | 11/28        | • • • using brushing or sweeping means or dozers to push mines lying on a surface aside; using means for removing mines intact from a surface <b>[2011.01]</b> |
| 11/138 | • • • Mechanical systems, e.g. prodding sticks for manual detection <b>[2011.01]</b>   | 11/30        | • • • with rollers creating a surface load on the ground, e.g. steadily increasing surface load, for triggering purposes <b>[2011.01]</b>                      |
| 11/14  | • • Explosive line charges, e.g. snakes  | 11/32        | • • • Decoy or sacrificial vehicles; Decoy or sacrificial devices attachable to vehicles <b>[2011.01]</b>  |
| 11/16  | • • Self-propelled mine-clearing vehicles; Mine-clearing devices attachable to vehicles <b>[1, 2011.01]</b>                        |              |  |
|        |  | <b>13/00</b> | <b>Means of attack or defence not otherwise provided for</b>   |