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, 2006.01]**

1/02 • Armoured or projectile- or missile-resistant garments; Composite protection fabrics **[1, 2006.01]**

1/04 • Protection helmets (crash helmets A42B 3/00) **[1, 2006.01]**

1/06 • • of steel; Steel head-shields **[1, 2006.01]**

1/08 • • of plastics; Plastic head-shields **[1, 2006.01]**

3/00 **Camouflage, i.e. means or methods for concealment or disguise** (for vessels B63G 8/34, B63G 13/02) **[1, 2006.01]**

3/02 • Covers, e.g. screens, nets (making thereof, see the relevant classes, e.g. D04) **[1, 2006.01]**

5/00 **Armour; Armour plates** (processes for manufacturing or treating B21, C21) **[1, 2006.01]**

5/007 • Reactive armour; Dynamic armour **[5, 2006.01]**

5/013 • Mounting or securing armour plates **[5, 2006.01]**

5/02 • Plate construction **[1, 2006.01]**

5/04 • • composed of more than one layer **[1, 2006.01]**

5/06 • Shields (in ships B63G 9/00; in aircraft B64D 7/00) **[1, 2006.01]**

5/08 • • for personal use **[1, 2006.01]**

5/10 • • • Spade bayonets, i.e. usable as a spade, bayonet, or cover against rifle fire **[1, 2006.01]**

5/12 • • for smallarms; for light-rocket launchers **[1, 2006.01]**

5/14 • • • Wheeled armoured shields **[1, 2006.01]**

5/16 • • for ordnance **[1, 2006.01]**

5/18 • • Rotating shields **[1, 2006.01]**

5/20 • Turrets **[1, 2006.01]**

5/22 • Manhole covers, e.g. on tanks (in general F16J) **[1, 2006.01]**

5/24 • for stationary use, e.g. fortifications **[1, 2006.01]**

5/26 • Peepholes; Windows (manufacture or composition of glass C03); Covers therefor **[1, 2006.01]**

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) **[1, 2006.01]**

7/02 • Land vehicles with enclosing armour, e.g. tanks (endless-track vehicles, steering thereof B62D) **[1, 2006.01]**

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, 2006.01]**

7/04 • • Armour construction (in general F41H 5/00) **[1, 2006.01]**

7/10 • Mine-laying land vehicles **[1, 2006.01]**

9/00 **Equipment for attack or defence by spreading flame, gas, or smoke; Chemical warfare equipment** (protection against chemicals A62B) **[1, 2006.01]**

9/02 • Flame-throwing apparatus (for destroying vegetation A01M 15/00) **[1, 2006.01]**

9/04 • Gas blowing apparatus, e.g. for tear gas (F41H 9/10 takes precedence) **[1, 2006.01]**

9/06 • Apparatus for generating artificial fog or smoke screens (smoke-pot projectors, e.g. arranged on vehicles, F42B 5/155) **[1, 2006.01]**

9/08 • • Smoke-pots without propulsive charge, i.e. stationary **[5, 2006.01]**

9/10 • Hand-held or body-worn self-defence devices using repellant gases or chemicals **[5, 2006.01]**

11/00 **Defence installations; Defence devices** (constructional aspects, see section E, e.g. E04H 9/04)**; Means for clearing or detecting landmines [1, 2006.01]**

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) **[1, 2006.01]**

11/04 • • Aerial barrages **[1, 2006.01]**

11/05 • Net barriers for harbour defence **[1, 2006.01]**

11/06 • Gun-traps **[1, 2006.01]**

11/08 • Barbed-wire obstacles; Barricades; Stanchions; Tank traps; Vehicle-impeding devices; Caltrops **[1, 2006.01]**

11/10 • • Dispensing-apparatus therefor, e.g. devices for dispensing and reeling barbed wire **[1, 2006.01]**

11/11 • • Clearing or neutralising barbed-wire obstacles (smallarm attachments for wire cutting F41C 27/20) **[5, 2006.01]**

11/12 • Means for clearing land minefields; Systems specially adapted for detection of landmines **[1, 2006.01, 2011.01]**

11/13 • • Systems specially adapted for detection of landmines **[2011.01]**

11/132 • • • Biological systems, e.g. with detection by animals or plants **[2011.01]**

11/134 • • • Chemical systems, e.g. with detection by vapour analysis **[2011.01]**

11/136 • • • Magnetic, electromagnetic, acoustic or radiation systems, e.g. ground penetrating radars or metal-detectors **[2011.01]**

11/138 • • • Mechanical systems, e.g. prodding sticks for manual detection **[2011.01]**

11/14 • • Explosive line charges, e.g. snakes **[1, 2006.01]**

11/16 • • Self-propelled mine-clearing vehicles; Mine-clearing devices attachable to vehicles **[1, 2006.01, 2011.01]**

11/18 • • • with ground-impacting means for activating mines by the use of mechanical impulses, e.g. flails or stamping elements **[2011.01]**

11/20 • • • with ground-penetrating elements, e.g. with means for removing buried landmines from the soil (F41H 11/18 takes precedence) **[2011.01]**

11/22 • • • • the elements being excavation buckets **[2011.01]**

11/24 • • • • the elements being ploughs **[2011.01]**

11/26 • • • • the elements being rotary ground-penetrating elements **[2011.01]**

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 **[2011.01]**

11/30 • • • with rollers creating a surface load on the ground, e.g. steadily increasing surface load, for triggering purposes **[2011.01]**

11/32 • • • Decoy or sacrificial vehicles; Decoy or sacrificial devices attachable to vehicles **[2011.01]**

13/00 Means of attack or defence not otherwise provided for [1, 2006.01]