

SECTION A — HUMAN NECESSITIES

A62 LIFE-SAVING; FIRE-FIGHTING

A62C FIRE-FIGHTING (fire-extinguishing compositions, use of chemical substances in extinguishing fires A62D 1/00; spraying, applying liquids or other fluent materials to surfaces in general B05; fire-fighting aircraft B64D 1/16; alarm arrangements G08B, e.g. fire alarms actuated by smoke or gases G08B 17/10)

Subclass index

FIRE PREVENTION OR CONTAINMENT; FIRE-EXTINGUISHING FOR PARTICULAR OBJECTS OR PLACES

Prevention or containment.....	2/00
Flame traps.....	4/00
For particular objects or places.....	3/00
MAKING FIRE-EXTINGUISHING MATERIALS BEFORE USE.....	5/00
HAND TOOLS OR ACCESSORIES.....	8/00
PORTABLE EXTINGUISHERS	
According to operating principle.....	11/00, 13/00, 19/00, 25/00
Knapsack type.....	15/00
Pistol or rifle type.....	17/00
FIRE-FIGHTING VEHICLES	
Land vehicles.....	27/00
Boats.....	29/00
DELIVERY OF FIRE-EXTINGUISHING MATERIALS.....	31/00
HOSE ACCESSORIES.....	33/00
STATIONARILY-INSTALLED EQUIPMENT.....	35/00
CONTROL OF FIRE-FIGHTING EQUIPMENT.....	37/00
OTHER METHODS, EQUIPMENT OR ACCESSORIES.....	99/00

- 2/00 Fire prevention or containment** (A62C 3/00 takes precedence; flame traps A62C 4/00) [1, 5, 2006.01]
- 2/04 • Removing or cutting-off the supply of inflammable material [1, 5, 2006.01]
- 2/06 • Physical fire-barriers [5, 2006.01]
- 2/08 • • Water curtains (nozzles A62C 31/02) [5, 2006.01]
- 2/10 • • Fire-proof curtains [5, 2006.01]
- 2/12 • • Hinged dampers [5, 2006.01]
- 2/14 • • • with two or more blades [5, 2006.01]
- 2/16 • • • • multi-vane roll or fold-up type [5, 2006.01]
- 2/18 • • Sliding dampers [5, 2006.01]
- 2/20 • • • at 90 degrees to the plane of the opening [5, 2006.01]
- 2/22 • • Fire-dampers with provision for the removal of an obstacle, e.g. rails or conveyors, before closing the opening [5, 2006.01]
- 2/24 • • Operating or controlling mechanisms [5, 2006.01]
- 3/00 Fire prevention, containment or extinguishing specially adapted for particular objects or places** (for nuclear reactors G21C 9/04) [1, 5, 2006.01]
- 3/02 • for area conflagrations, e.g. forest fires, subterranean fires [1, 5, 2006.01]
- 3/04 • for dust or loosely-baled or loosely-piled materials, e.g. in silos, in chimneys (flame traps A62C 4/00) [1, 5, 2006.01]
- 3/06 • of highly inflammable material, e.g. light metals, petroleum products [1, 5, 2006.01]

- 3/07 • in vehicles, e.g. in road vehicles [5, 2006.01]
- 3/08 • • in aircraft [1, 5, 2006.01]
- 3/10 • • in ships [1, 5, 2006.01]
- 3/16 • in electrical installations, e.g. cableways [1, 5, 2006.01]
- 4/00 Flame traps allowing passage of gas but not of flame or explosion wave** [2, 2006.01]
- 4/02 • in gas-pipes (safety valves F16K 17/00) [2, 2006.01]
- 4/04 • in flues or chimneys [2, 2006.01]
- 5/00 Making of fire-extinguishing materials immediately before use** (nozzles A62C 31/02) [1, 5, 2006.01]
- 5/02 • of foam [1, 5, 2006.01]
- 5/027 • • Heavy foam [5, 2006.01]
- 5/033 • of gel [5, 2006.01]

Hand fire-extinguishers [5]

- 8/00 Hand tools or accessories specially adapted for fire-fighting, e.g. tool boxes** [5, 2006.01]
- 8/02 • Buckets or pails [5, 2006.01]
- 8/04 • Rakes or beaters [5, 2006.01]
- 8/06 • Fire-blankets [5, 2006.01]
- 8/08 • Shields [5, 2006.01]
- 11/00 Portable extinguishers with manually-operated pumps** [1, 5, 2006.01]

13/00	Portable extinguishers which are permanently pressurised or pressurised immediately before use (A62C 11/00 takes precedence) [1, 5, 2006.01]	
13/02	• with pressure gas produced by chemicals [1, 2006.01]	31/02 • Nozzles specially adapted for fire-extinguishing [1, 5, 2006.01]
13/04	• • with separate acid container [1, 2006.01]	31/03 • • adjustable, e.g. from spray to jet or <u>vice-versa</u> [5, 2006.01]
13/06	• • • with acid container without closure device [1, 2006.01]	31/05 • • with two or more outlets [5, 2006.01]
13/08	• • • with acid container with closure device [1, 2006.01]	31/07 • • • for different media [5, 2006.01]
13/10	• • • • with loose-lid closure device (loosely-engaging lids or covers for containers for liquids without means for effecting sealing of container in general B65D 51/02) [1, 2006.01]	31/12 • • for delivering foam or atomized foam [1, 2006.01]
13/12	• • • • with valve closure device [1, 2006.01]	31/22 • • specially adapted for piercing walls, heaped materials, or the like [1, 2006.01]
13/14	• • • with acid container the shell of which is ruptured by pin, screw-pin, or similar device [1, 2006.01]	31/24 • • attached to ladders, poles, towers, or other structures with or without rotary heads [1, 2006.01]
13/16	• • • with movable acid container ruptured by falling when operated [1, 2006.01]	31/28 • Accessories for delivery devices, e.g. supports [1, 2006.01]
13/18	• • • with acid container ruptured by a striking weight, e.g. by a falling weight [1, 2006.01]	33/00 Hose accessories [1, 5, 2006.01]
13/20	• • with the chemicals in a single case, e.g. in a cartridge [1, 2006.01]	33/02 • Apparatus for cleaning or drying hoses (drying shelves F26B) [1, 2006.01]
13/22	• • with incendiary substances producing pressure gas [1, 2006.01]	33/04 • Supports or clamps for fire hoses [1, 2006.01]
13/62	• with a single permanently pressurised container [5, 2006.01]	33/06 • Hose or pipe bridges [1, 2006.01]
13/64	• • the extinguishing material being released by means of a valve [5, 2006.01]	35/00 Permanently-installed equipment (A62C 31/00, A62C 33/00, A62C 37/00 take precedence; for forming water curtains A62C 2/08) [1, 2006.01]
13/66	• with extinguishing material and pressure gas being stored in separate containers [5, 2006.01]	35/02 • with containers for delivering the extinguishing substance (for forming water curtains A62C 2/08) [1, 2006.01]
13/68	• • characterised by means for releasing the extinguishing material [5, 2006.01]	35/04 • • Swingable or tiltable containers [1, 2006.01]
13/70	• • characterised by means for releasing the pressure gas [5, 2006.01]	35/06 • • Containers destroyed or opened by falling [1, 5, 2006.01]
13/72	• • characterised by releasing means operating essentially simultaneously on both containers [5, 2006.01]	35/08 • • Containers destroyed or opened by bursting charge [1, 5, 2006.01]
13/74	• • • the pressure gas container being pierced or broken [5, 2006.01]	35/10 • • Containers destroyed or opened by flames or heat [1, 5, 2006.01]
13/76	• Details or accessories [5, 2006.01]	35/11 • • controlled by a signal from the danger zone [5, 2006.01]
13/78	• • Suspending or supporting devices [5, 2006.01]	35/13 • • • with a finite supply of extinguishing material [5, 2006.01]
15/00	Extinguishers essentially of the knapsack type (knapsacks, carrying-frames, pack-frames carried on the body A45F 3/00) [1, 2006.01]	35/15 • • • with a system for topping-up the supply of extinguishing material automatically [5, 2006.01]
17/00	Hand fire-extinguishers essentially in the form of pistols or rifles [1, 2006.01]	35/20 • Hydrants, e.g. wall-hoses, wall units, plug-in cabinets (hydrants in streets E03B 9/02) [1, 5, 2006.01]
19/00	Hand fire-extinguishers in which the extinguishing substance is expelled by an explosion; Exploding containers thrown into the fire [1, 2006.01]	35/58 • Pipe-line systems [5, 2006.01]
25/00	Portable extinguishers with power-driven pumps [1, 5, 2006.01]	35/60 • • wet, i.e. containing extinguishing material even when not in use [5, 2006.01]
<hr/>		35/62 • • dry, i.e. empty of extinguishing material when not in use [5, 2006.01]
27/00	Fire-fighting land vehicles (vehicle aspects, see the appropriate subclasses of classes B60-B62) [1, 2006.01]	35/64 • • pressurised [5, 2006.01]
29/00	Fire-fighting vessels or like floating structures (shipbuilding or navigation aspects, see the appropriate subclasses of class B63) [1, 5, 2006.01]	35/66 • • • Accelerators [5, 2006.01]
31/00	Delivery of fire-extinguishing material (pumps F04; hoses F16L) [1, 2006.01]	35/68 • • Details, e.g. of pipes or valve systems (valves in general F16K) [5, 2006.01]
		37/00 Control of fire-fighting equipment (heat-sensitive devices G01K) [1, 5, 2006.01]
		37/08 • comprising an outlet device containing a sensor, or itself being the sensor, i.e. self-contained sprinklers [1, 5, 2006.01]
		37/09 • • telescopic or adjustable [5, 2006.01]
		37/10 • • Releasing means, e.g. electrically released [1, 5, 2006.01]
		37/11 • • • heat-sensitive [5, 2006.01]
		37/12 • • • • with fusible links [1, 5, 2006.01]
		37/14 • • • • with frangible vessels [1, 5, 2006.01]
		37/16 • • • • with thermally-expansible links [1, 5, 2006.01]
		37/20 • • Resetting after use; Tools therefor [1, 5, 2006.01]

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| 37/21 • • • automatic [5, 2006.01]
37/36 • an actuating signal being generated by a sensor
separate from an outlet device [5, 2006.01]
37/38 • • by both sensor and actuator, e.g. valve, being in
the danger zone [5, 2006.01]
37/40 • • • with electric connection between sensor and
actuator [5, 2006.01]
37/42 • • • with mechanical connection between sensor
and actuator, e.g. rods, levers [5, 2006.01] | 37/44 • • only the sensor being in the danger
zone [5, 2006.01]
37/46 • • Construction of the actuator [5, 2006.01]
37/48 • • • Thermally sensitive initiators [5, 2006.01]
37/50 • Testing or indicating devices for determining the state
of readiness of the equipment [5, 2006.01]

99/00 Subject matter not provided for in other groups of
 this subclass [2010.01] |
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