

A62 LIFE-SAVING; FIRE-FIGHTING (ladders E06C)

A62B DEVICES, APPARATUS, OR METHODS FOR LIFE-SAVING (valves specially adapted for medical use A61M 39/00; life-saving devices, apparatus or methods specially adapted for use in water B63C 9/00; divers' equipment B63C 11/00; specially adapted for use with aircraft, e.g. parachutes, ejector seats, B64D; rescue devices peculiar to mining E21F 11/00)

RESCUING, e.g. IN CASE OF FIRE

Means for escape or protection 1/00, 3/00,
5/00

Breathing containers 31/00

Safety means for seemingly-dead
persons 33/00

INDIVIDUAL BREATHING MASKS OR APPARATUS

Types 7/00, 18/00

Details 9/00, 18/08

Cartridges, oxygen generators,

filters.....19/00, 21/00,
23/00

Storing, testing25/00, 27/00

PROTECTIVE CLOTHING, SAFETY BELTS17/00, 35/00

COLLECTIVE DEVICES FOR BREATHING
PROTECTION OR FOR PROTECTION
AGAINST CHEMICAL AGENTS

Air conditioning or ventilation in

sealed rooms.....11/00, 13/00

Other protection15/00, 29/00

OTHER LIFE SAVING37/00

Rescuing from fire; Rescuing from buildings or the like (from mountains or trees A63B 27/00, A63B 29/00; from ships B63C)

1/00 Devices for lowering persons from buildings or the like

1/02 . by making use of rescue cages, bags, or the like
(elevators, escalators or moving walkways B66B)

1/04 . . Single parts, e.g. fastening devices

1/06 . by making use of rope-lowering devices (capstans,
winches B66D)

1/08 . . with brake mechanisms for the winches or pulleys

1/10 . . . mechanically operated

1/12 . . . hydraulically operated

1/14 . . with brakes sliding on the rope

1/16 . . Life-saving ropes or belts (safety belts
A62B 35/00; mountain guy-ropes A63B 29/02;
life-saving belts for use at sea B63C)

1/18 . . Other single parts for rope lowering-devices,
e.g. take-up rollers for ropes, devices for shooting
ropes

1/20 . by making use of sliding-ropes, sliding-poles or
chutes, e.g. hoses, pipes, sliding-grooves, sliding
sheets

1/22 . by making use of jumping devices, e.g. jumping-
sheet, jumping-mattresses

**3/00 Devices or single parts for facilitating escape from
buildings or the like, e.g. protection shields,
protection screens; Portable devices for preventing
smoke penetrating into distinct parts of buildings**
(A62B 1/00 takes precedence)

5/00 Other devices for rescuing from fire (ladders E06C)

**Respirators; Gas-masks, including breathing apparatus, e.g. for
high altitude, or masks therefor; Devices affording protection
against harmful chemical agents** (composition of materials for
coverings against harmful chemical agents A62D 5/00, for
transparent parts of breathing apparatus A62D 7/00; composition of
chemical substances for use in breathing apparatus A62D 9/00)

7/00 Respiratory apparatus (for medical purposes
A61M 16/00)

7/02 . with compressed oxygen or air

7/04 . . and lung-controlled oxygen or air valves

7/06 . with liquid oxygen

7/08 . containing chemicals producing oxygen

7/10 . with filter elements

7/12 . with fresh-air hose

7/14 . for high-altitude aircraft

**9/00 Component parts for respiratory or breathing
apparatus** (A62B 19/00, A62B 21/00, A62B 23/00 take
precedence) [4]

9/02 . Valves

9/04 . Couplings; Supporting frames

9/06 . Mouthpieces; Nose-clips (for medical purposes
A61M 15/00)

**11/00 Devices for reconditioning breathing air in sealed
rooms** (chemical purification, disinfection, or
sterilisation of air A61L; in aircraft or submarines,
insofar as they influence the construction of the vehicle
or are influenced by its construction B63B, B64D,
respectively; air-conditioning in general F24F)

13/00 Special devices for ventilating gasproof shelters
(ventilating in general F24F)

**15/00 Installations affording protection against poisonous
or injurious substances, e.g. with separate breathing
apparatus** (building aspects E04H 9/00)

**17/00 Protective clothing affording protection against heat
or harmful chemical agents or for use at high
altitudes** (protective clothing or garments for work or
sport A41D 13/00; protecting eyes or ears A61F 9/00;
composition of materials for protective clothing
A62D 5/00; life-saving garments for use at sea B63C;
diving suits B63C 11/02; flying suits B64D 10/00; space
suits B64G 6/00; bullet-proof clothing F41H 1/02) [2]

17/04 . Hoods

17/08 . Protective coverings for animals

**18/00 Breathing masks or helmets, e.g. affording protection
against chemical agents or for use at high altitudes**
(A62B 17/00 takes precedence; anaesthetic masks
A61M 16/06)

18/02 . Masks (gas-masks for animals A62B 18/06; masks
for welders A61F 9/06)

18/04 . Gas helmets

A62B

- 18/06 . Gas masks for animals
 - 18/08 . Component parts for gas-masks or gas-helmets, e.g. windows, straps, speech transmitters, signal-devices (eye-pieces for protective goggles A61F 9/02; composition of materials for the windows or other transparent parts A62D 7/00)
 - 18/10 . . Valves
 - 19/00 Cartridges with absorbing substances for respiratory apparatus**
 - 19/02 . with oxidising agents
 - 21/00 Devices for producing oxygen from chemical substances for respiratory apparatus**
 - 23/00 Filters for breathing-protection purposes** (gas-filters in general B01D)
 - 23/02 . for respirators
 - 23/04 . for gasproof shelters
 - 23/06 . Nose filters
 - 25/00 Devices for storing respiratory or breathing apparatus [4]**
 - 27/00 Methods or devices for testing respiratory or breathing apparatus** (apparatus for testing gastightness in general G01M) [4]
 - 29/00 Devices for rendering harmless or for keeping off harmful chemical agents** (respiratory apparatus A62B 7/00; gasproof doors, windows, shutters E06B)
 - 31/00 Containers or portable cabins for affording breathing protection with devices for reconditioning the breathing air or for ventilating** (ventilation of gasproof shelters A62B 13/00; protective clothes or coverings A62B 17/00; treatment rooms for medical purposes A61G 10/00) [4]
 - 33/00 Devices for allowing seemingly-dead persons to escape or draw attention; Breathing apparatus for accidentally buried person**
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- 35/00 Safety belts or body harnesses; Similar equipment for limiting displacement of the human body, especially in case of sudden changes of motion** (buckles A44B 11/00; accessories for children's furniture A47D 15/00; children's seats B60N 2/24; safety belts or body harnesses for land vehicles B60R 22/00; harnesses for parachutes B64D 17/30; harnessing in aircraft B64D 25/06; releasable fastenings F16B) [4]
 - 35/04 . incorporating energy absorbing means [4]
 - 37/00 Devices, apparatus, or methods for life-saving not covered by the other groups of this subclass**