CPC  COOPERATIVE PATENT CLASSIFICATION

A  HUMAN NECESSITIES

HEALTH; AMUSEMENT

A62  LIFE-SAVING; FIRE-FIGHTING

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 adopted for use with aircraft, e.g. parachutes, ejector seats, { B64D 17/00, B64D 25/10}; rescue devices peculiar to mining E21F 11/00)

WARNING
In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

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)

NOTE
Contrary to the references in the Guide Heading before group A62B 1/00 and in group A62B 1/16, this group contains also rope-lowering devices for mountaineering

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-sheets, 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)
3/005 . [Rescue tools with forcing action]
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 A66D 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 { or air; Cryogenic systems}
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)
9/003 . [Means for influencing the temperature or humidity of the breathing gas]
9/006 . [Indicators or warning devices, e.g. of low pressure, contamination]
9/02 . Valves [(non-return valves mounted in breathing masks or helmets A62B 18/10)]
9/022 . {Breathing demand regulators (SCUBA diving regulators B63C 11/22)]
9/025 . . [with tilting opening action]
9/027 . . . [pilot operated, i.e. controlled by valve means sensitive to a reduced downstream pressure]
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 F24E)
Respirators; Gas-masks, including breathing apparatus, e.g. for high altitude, or masks therefor; Devices affording...

18/086 . . [Adaptations for consuming refreshments without unmasking]
18/088 . . [Devices for indicating filter saturation]
18/10 . . Valves

19/00 Cartridges with absorbing substances for respiratory apparatus {carbon dioxide absorbing devices A61M 16/22}
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
23/025 . . [the filter having substantially the shape of a mask (surgical face masks A41D 13/11)]
23/04 . . for gasproof shelters
23/06 . . Nose filters

25/00 Devices for storing (or holding or carrying) respiratory or breathing apparatus
25/005 . . [for high altitude]

27/00 Methods or devices for testing respiratory or breathing apparatus [for high altitudes] (apparatus for testing gastightness in general G01M)

29/00 Devices, e.g. installations, 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, [in particular those that are suitable for invalids or small children] (ventilation of gasproof shelters A62B 13/00; protective clothes or coverings A62B 17/00; treatment rooms for medical purposes A61G 10/00)

33/00 Devices for allowing seemingly-dead persons to escape or draw attention; Breathing apparatus for accidentally buried persons

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)
35/0006 . . [Harnesses; Accessories therefor]
35/0012 . . [Sit harnesses]
35/0018 . . [Full body harnesses covering at least shoulders and thighs]
35/0025 . . [Details and accessories]
35/0031 . . [Belt sorting accessories, e.g. devices keeping the belts in comfortable positions]
35/0037 . . [Attachments for lifelines and lanyards (lifelines, lanyards A62B 35/0043)]
35/0043 . . [Lifelines, lanyards, and anchors therefore (attachments A62B 35/0037)]
35/005 . . [Vertical lifelines]
Respirators; Gas-masks, including breathing apparatus, e.g. for high altitude, or masks therefor; Devices affording...

35/0056 . . {Horizontal lifelines}
35/0062 . . {Rail-form lifelines for permanent installation}
35/0068 . . {Anchors}
35/0075 . . {Details of ropes or similar equipment, e.g. between the secured person and the lifeline or anchor}
35/0081 . . {Equipment which can travel along the length of a lifeline, e.g. travelers}
35/0087 . . {Arrangements for bypassing lifeline supports without lanyard disconnection}
35/0093 . . {Fall arrest reel devices}
35/04 . . incorporating energy absorbing means

99/00 Subject matter not provided for in other groups of this subclass