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)

Respiratory apparatus, 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 {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 F24F)
Respirators; Gas-masks, including breathing apparatus, e.g. for high altitude, or masks therefor; Devices affording...
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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