

## ECLA EUROPEAN CLASSIFICATION

### A62B

**DEVICES, APPARATUS OR METHODS FOR LIFE-SAVING** (valves specially adapted for medical use [A61M39/00](#); life-saving devices, apparatus or methods specially adapted for use in water [B63C9/00](#); divers` equipment [B63C11/00](#); specially adopted for use with aircraft, e.g. parachutes, ejector seats, B64D; rescue devices peculiar to mining [E21F11/00](#))

**Guide heading:** **Rescuing from fire; Rescuing from buildings or the like** (from mountains or trees [A63B27/00](#), [A63B29/00](#); from ships [B63C](#))

#### A62B1/00

**Devices for lowering persons from buildings or the like**

A62B1/02

- . by making use of rescue cages, bags, or the like (elevators, escalators or moving walkways [B66B](#))

A62B1/04

- . . Single parts, e.g. fastening devices

A62B1/06

- . by making use of rope-lowering devices (capstans, winches [B66D](#))

**[N: Note**

Contrary to the references in the Guide Heading before group [A62B1/00](#) and in group [A62B1/16](#), this group contains also rope-lowering devices for mountaineering

**]**

A62B1/08

- . . with brake mechanisms for the winches or pulleys

A62B1/10

- . . . mechanically operated

A62B1/12

- . . . hydraulically operated

A62B1/14

- . . with brakes sliding on the rope

A62B1/16

- . . Life-saving ropes or belts (safety belts [A62B35/00](#); mountain guy-ropes [A63B29/02](#); life-saving belts for use at sea [B63C](#))

A62B1/18

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

A62B1/20

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

A62B1/22

- . by making use of jumping devices, e.g. jumping-sheets, jumping-mattresses

#### A62B3/00

**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** ([A62B1/00](#) takes precedence)

A62B3/00B

- . **[N: Rescue tools with forcing action]**

#### A62B5/00

**Other devices for rescuing from fire** (ladders [E06C](#))

**Guide heading:** **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 [A62D5/00](#), for

[transparent parts of breathing apparatus A62D7/00; composition of chemical substances for use in breathing apparatus A62D9/00\)](#)

- A62B7/00**                    **Respiratory apparatus (for medical purposes [A61M16/00](#))**
- [A62B7/02](#)                    . with compressed oxygen or air
- [A62B7/04](#)                    . . and lung-controlled oxygen or air valves
- [A62B7/06](#)                    . with liquid oxygen [N: or air; [Cryogenic systems](#)] [[C9804](#)]
- [A62B7/08](#)                    . containing chemicals producing oxygen
- [A62B7/10](#)                    . with filter elements
- [A62B7/12](#)                    . with fresh-air hose
- [A62B7/14](#)                    . for high-altitude aircraft
- A62B9/00**                    **Component parts for respiratory or breathing apparatus ([A62B19/00](#), [A62B21/00](#), [A62B23/00](#) take precedence)**
- [A62B9/00A](#)                    . [N: Means for influencing the temperature or humidity of the breathing gas]
- [A62B9/00C](#)                    . [N: Indicators or warning devices, e.g. of low pressure, contamination] [[N9901](#)]
- [A62B9/02](#)                    . Valves [N: ([non-return valves mounted in breathing masks or helmets \[A62B18/10\]\(#\)](#))]
- [A62B9/02D](#)                    . . [N: Breathing demand regulators ([SCUBA diving regulators \[B63C11/22\]\(#\)](#))] [[C9812](#)]
- [A62B9/02D2](#)                    . . . [N: with tilting opening action]
- [A62B9/02D4](#)                    . . . [N: pilot operated, i.e. controlled by valve means sensitive to a reduced downstream pressure]
- [A62B9/04](#)                    . Couplings; Supporting frames
- [A62B9/06](#)                    . Mouthpieces; Nose-clips ([for medical purposes \[A61M15/00\]\(#\)](#))
- A62B11/00**                    **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](#))**
- A62B13/00**                    **Special devices for ventilating gasproof shelters (ventilating in general [F24F](#))**
- A62B15/00**                    **Installations affording protection against poisonous or injurious substances, e.g. with separate breathing apparatus ([N: preventing escape of dirt or fumes from the area where they are produced [B08B15/00](#)]; building aspects [E04H9/00](#); [N: use of air currents for screening [F24F9/00](#)])**
- A62B17/00**                    **Protective clothing affording protection against heat or harmful chemical agents or**

**for use at high altitudes** (protective clothing for work or sport [A41D13/00](#), [N: e.g. overalls [A41D13/02](#), surgical gowns [A41D13/12](#); materials for protecting clothing [A41D31/00C](#)]; protecting eyes or ears [A61F9/00](#); composition of materials for protective clothing [A62D5/00](#); life-saving garments for use at sea [B63C](#); diving suits [B63C11/02](#); flying suits, [N: anti-g suits] [B64D10/00](#); space suits [B64G6/00](#); bullet-proof clothing [F41H1/02](#)) [C9408]

- A62B17/00B . [N: Adaptations for donning, adjusting or increasing mobility, e.g. closures, joints]
- A62B17/00D . [N: Fire-resistant or fire-fighters` clothes] [N9408]
- A62B17/00F . [N: Active or passive body temperature control] [N9408]
- A62B17/00H . [N: against contamination from chemicals, toxic or hostile environments; ABC suits] [N9408]
- A62B17/00J . [N: High-altitude pressure suits] [N9408]
- A62B17/04 . Hoods
- A62B17/08 . Protective coverings for animals [N: (protective covers when working [B68C 5/00](#))]
  
- A62B18/00** **Breathing masks or helmets, e.g. affording protection against chemical agents or for use at high altitudes** [N: or incorporating a pump or compressor for reducing the inhalation effort] ([A62B17/00](#) takes precedence; anaesthetic masks [A61M16/06](#))
- A62B18/00B . [N: having means for creating a fresh air curtain]
- A62B18/00D . [N: with pumps for forced ventilation ([A62B18/04A](#) takes precedence)]
- A62B18/02 . Masks (gas-masks for animals [A62B18/06](#); masks for welders [A61F9/06](#))
- A62B18/02A . . [N: Halfmasks ([A62B23/02](#) takes precedence; surgical face masks [A41D13/00F](#))]
- A62B18/04 . Gas helmets
- A62B18/04A . . [N: with fans for delivering air for breathing mounted in or on the helmet]
- A62B18/06 . Gas masks for animals
- A62B18/08 . Component parts for gas-masks or gas-helmets, e.g. windows, straps, speech transmitters, signal-devices (eye-pieces for protective goggles [A61F9/02](#); composition of materials for the windows or other transparent parts [A62D7/00](#))
- A62B18/08A . . [N: Assembling eyepieces, lenses or vision-correction means in or on gas-masks]
- A62B18/08B . . [N: Means for fastening gas-masks to heads or helmets]
- A62B18/08C . . [N: Adaptations for consuming refreshments without unmasking]
- A62B18/08D . . [N: Devices for indicating filter saturation]
- A62B18/10 . . Valves
  
- A62B19/00** **Cartridges with absorbing substances for respiratory apparatus** [N: (carbon dioxide absorbing devices [A61M16/22](#))] [C9804]

- A62B19/02 . with oxidising agents
- A62B21/00** **Devices for producing oxygen from chemical substances for respiratory apparatus**
- A62B23/00** **Filters for breathing-protection purposes** (gas-filters in general [B01D](#))
- A62B23/02 . for respirators
- A62B23/02A . . [N: the filter having substantially the shape of a mask (surgical face masks [A41D13/11](#))]
- A62B23/04 . for gasproof shelters
- A62B23/06 . Nose filters
- A62B25/00** **Devices for storing** [N: or holding or carrying] **respiratory or breathing apparatus**
- A62B25/00B . [N: for high altitude]
- A62B27/00** **Methods or devices for testing respiratory or breathing apparatus** [N: for high altitudes] (apparatus for testing gastightness in general [G01M](#))
- A62B29/00** **Devices, e.g. installations, for rendering harmless or for keeping off harmful chemical agents** (respiratory apparatus [A62B7/00](#); gasproof doors, windows, shutters [E06B](#))
- A62B31/00** **Containers or portable cabins for affording breathing protection with devices for reconditioning the breathing air or for ventilating,** [N: in particular those that are suitable for invalids or small children] (ventilation of gasproof shelters [A62B13/00](#); protective clothes or coverings [A62B17/00](#); treatment rooms for medical purposes [A61G10/00](#))
- A62B33/00** **Devices for allowing seemingly-dead persons to escape or draw attention;**  
**Breathing apparatus for accidentally buried persons**
- A62B35/00** **Safety belts or body harnesses; Similar equipment for limiting displacement of the human body, especially in case of sudden changes of motion** (buckles [A44B11/00](#); accessories for children`s furniture [A47D15/00](#); children`s seats [B60N2/24](#); safety belts or body harnesses for land vehicles [B60R22/00](#); harnesses for parachutes [B64D17/30](#); harnessing in aircraft [B64D25/06](#); releasable fastenings [F16B](#))
- A62B35/00A . [N: Harnesses; Accessories therefor] [N1204]
- A62B35/00A2 . . [N: Sit harnesses] [N1204]
- A62B35/00A4 . . [N: Full body harnesses covering at least shoulders and thighs] [N1204]
- A62B35/00A6 . . [N: Details and accessories] [N1204]
- A62B35/00A6A . . . [N: Belt sorting accessories, e.g. devices keeping the belts in comfortable positions] [N1204]

- A62B35/00A6C . . . [N: Attachments for lifelines and lanyards (lifelines, lanyards A62B35/00B)] [N1204]
- A62B35/00B . [N: Lifelines, lanyards, and anchors therefore (attachments A62B35/00A6C)] [N1204]
- A62B35/00B1 . . [N: Vertical lifelines] [N1204]
- A62B35/00B2 . . [N: Horizontal lifelines] [N1204]
- A62B35/00B4 . . [N: Rail-form lifelines for permanent installation] [N1204]
- A62B35/00B6 . . [N: Anchors] [N1204]
- A62B35/00B8 . . [N: Details of ropes or similar equipment, e.g. between the secured person and the lifeline or anchor] [N1204]
  
- A62B35/00D . [N: Equipment which can travel along the length of a lifeline, e.g. travelers] [N1204]
- A62B35/00D2 . . [N: Arrangements for bypassing lifeline supports without lanyard disconnection] [N1204]
  
- A62B35/00F . [N: Fall arrest reel devices] [N1204]
  
- A62B35/04 . incorporating energy absorbing means
  
- A62B99/00** **Subject matter not provided for in other groups of this subclass** [N0901]