

Title (en)

SECURED VENTILATED BREATHING DEVICE, IN PARTICULAR FOR HOSTILE MEDIUM

Title (de)

GESICHERTES BELÜFTETES ATMUNGSGERÄT, INSBESONDERE FÜR FEINDLICHE UMGEBUNGEN

Title (fr)

SCAPHANDRE VENTILE SECURISE NOTAMMENT POUR MILIEU HOSTILE

Publication

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Application

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Abstract (en)

[origin: WO2005110547A2] The invention relates to secured ventilated breathing device wearable by persons in a hostile medium (1) whose atmospheric pressure P_a is substantially constant. The inventive breathing device comprises an envelop (2) consisting of a skin (3) made of a airtight material, a fluid feeding pipe (4) whose one end (5) is connectable to a fluid source under given pressure P_n which is greater than the pressure P_a and whose other end (6) passes the skin by a seal passage (7) and enters the envelop, vent means (8) embodied in the skin for connecting the inside of the envelop with the ambient medium (1) and means (10) for visually alerting the person when the fluid pressure in the feeding pipe (4) reduces under the given value threshold P_s which is less than P_n . said invention can be used, in particular for ventilated breathing devices for nuclear, bacteriological sectors, in hospital environments, etc.

IPC 8 full level

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