

Title (en)
RESPIRATORY PROTECTION EQUIPMENT

Title (de)
ATEMSCHUTZAUSRÜSTUNG

Title (fr)
EQUIPEMENT DE PROTECTION RESPIRATOIRE

Publication
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Application
EP 14727879 A 20140502

Priority
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Abstract (en)
[origin: WO2014199028A1] Respiratory protection hood comprising a flexible envelope (2) and a reservoir (3) of pressurized oxygen comprising an outlet orifice (3) that leads into the internal volume of the envelope (2), the outlet orifice (4) being closed off by a removable stopper (5), characterized in that the reservoir (3) of oxygen comprises, upstream of the orifice (4), a passage (6) for the pressurized gas and a needle (7) that is able to move in a given direction (A) of displacement in said passage (6), the needle (7) being subjected to two opposite forces in the direction (A) of displacement, said forces being respectively generated on the one hand by the pressure of the gas in the reservoir (3) and on the other hand by a return member (8), the needle (7) having a section with a defined profile that is variable in the direction (A) of displacement in order to modify the degree of closure of the passage depending on the position of said needle relative to the passage (6) so as to regulate the flow rate of gas allowed to escape via the passage (6) towards the orifice (4) as a function of time and the pressure of gas in the reservoir (3).

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