

Title (en)  
RESPIRATORY PROTECTION EQUIPMENT

Title (de)  
ATEMSCHUTZAUSRÜSTUNG

Title (fr)  
EQUIPEMENT DE PROTECTION RESPIRATOIRE

Publication  
**EP 3007775 A1 20160420 (FR)**

Application  
**EP 14727879 A 20140502**

Priority  
• FR 1355432 A 20130612  
• FR 2014051047 W 20140502

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).

IPC 8 full level  
**A62B 9/02** (2006.01); **A62B 17/04** (2006.01)

CPC (source: EP RU US)  
**A62B 7/02** (2013.01 - EP RU US); **A62B 7/14** (2013.01 - RU); **A62B 9/02** (2013.01 - RU US); **A62B 17/04** (2013.01 - EP RU US);  
**A62B 7/14** (2013.01 - EP US)

Citation (search report)  
See references of WO 2014199028A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**WO 2014199028 A1 20141218**; CA 2912326 A1 20141218; CA 2912326 C 20200804; CN 105263586 A 20160120; CN 105263586 B 20210723; EP 3007775 A1 20160420; EP 3007775 B1 20171227; FR 3006900 A1 20141219; FR 3006900 B1 20150529; JP 2016520406 A 20160714; JP 6612218 B2 20191127; RU 2016100183 A 20170717; RU 2655237 C2 20180524; US 10335617 B2 20190702; US 2016151649 A1 20160602

DOCDB simple family (application)  
**FR 2014051047 W 20140502**; CA 2912326 A 20140502; CN 201480032374 A 20140502; EP 14727879 A 20140502; FR 1355432 A 20130612; JP 2016518556 A 20140502; RU 2016100183 A 20140502; US 201414897081 A 20140502