

Title (en)  
Breathing protection equipment.

Title (de)  
Atemschutzausrüstung.

Title (fr)  
Equipement de protection respiratoire.

Publication  
**EP 0628325 A1 19941214 (FR)**

Application  
**EP 94401287 A 19940608**

Priority  
FR 9306930 A 19930609

Abstract (en)  
The breathing equipment includes a mask (10) and an extensible harness (16) which includes an element which can be inflated by the breathing gas in order to extend it to a size which is sufficient for the user to engage it over the head, and manually controlled means (12) allowing introduction of the pressurized breathing gas into the inflatable element in order to extend it and to reduce the pressure in this element in order to allow the harness to be applied against the head. The equipment also includes automatic means for introducing pressurized gas for the component of the harness and for discharge of gas from this component, which means are controlled by a sensor detecting the force with which the mask is applied onto the face, so as to maintain an application force which is substantially constant, at least as long as the ambient pressure remains greater than a defined threshold. <IMAGE>

IPC 1-7  
**A62B 18/08**

IPC 8 full level  
**A61M 16/06** (2006.01); **A62B 7/14** (2006.01); **A62B 18/08** (2006.01)

CPC (source: EP US)  
**A62B 18/084** (2013.01 - EP US)

Citation (search report)

- [AD] US 5036846 A 19910806 - AULGUR CHARLES C [US], et al
- [AD] EP 0288391 A1 19881026 - INTERTECHNIQUE SA [FR]
- [AD] US 3599636 A 19710817 - GUTMAN GEORGES M, et al
- [A] US 2287939 A 19420630 - KRAFT HERMAN T
- [A] US 3792702 A 19740219 - DELEST R
- [A] FR 2516391 A1 19830520 - FIGGIE INT INC [US]

Cited by  
CN108187257A; FR2778575A1; WO2007054122A1; WO2007121771A1; WO9958197A1; FR2806000A1; WO0168187A1; EP1275415A1; FR2827178A1

Designated contracting state (EPC)  
DE ES GB IE IT NL SE

DOCDB simple family (publication)  
**EP 0628325 A1 19941214; EP 0628325 B1 19970122**; CA 2125440 A1 19941210; CA 2125440 C 20010814; DE 69401534 D1 19970306; DE 69401534 T2 19970528; ES 2097010 T3 19970316; FR 2706311 A1 19941223; FR 2706311 B1 19950922; HK 1007418 A1 19990409; JP 3231183 B2 20011119; JP H07136273 A 19950530; US 5503147 A 19960402

DOCDB simple family (application)  
**EP 94401287 A 19940608**; CA 2125440 A 19940608; DE 69401534 T 19940608; ES 94401287 T 19940608; FR 9306930 A 19930609; HK 98106625 A 19980625; JP 12788494 A 19940609; US 25727194 A 19940609