

Title (en)  
PROTECTIVE HOOD AND ORAL-NASAL MASK.

Title (de)  
SCHUTZHAUBE UND ORAL-NASAL-MASKE.

Title (fr)  
CAGOULE DE PROTECTION ET MASQUE DESTINE A COUVRIR LE NEZ ET LA BOUCHE.

Publication  
**EP 0327643 B1 19941019**

Application  
**EP 88908471 A 19880802**

Priority  
• US 8183487 A 19870805  
• US 8802588 W 19880802

Abstract (en)  
[origin: WO8900873A1] The instant invention is a respiratory system to temporarily prevent asphyxiation and suffocation due to the presence of smoke, toxic gases and/or noxious gases resulting from aircraft fire or similar such. The respiratory system consists of a small dropout package (12) containing a protective hood (28) for deployment to enclose the head of the passenger to improve the passenger's vision in the smoke, a protective breathing mask (1) for enclosing the mouth and nose of the passenger in order to provide breathable air and a dual air supply system. The respiratory system provides a connection to a fresh, breathable air supply (58) from the aircraft's emergency air source and provides a chemical air purifier (14) preferably including a wet scrubbing system for purifying cabin air of contaminants to supply additional breathable air. The respiratory system is disengageable from the aircraft's emergency air source for evacuation.

IPC 1-7  
**A62B 17/04**; **A62B 7/10**; **A62B 18/10**; **A62B 19/00**; **A62B 18/08**; **A62B 18/02**; **A62B 23/02**; **B63C 11/02**

IPC 8 full level  
**A62B 17/04** (2006.01); **A62B 18/02** (2006.01)

CPC (source: EP)  
**A62B 17/04** (2013.01); **A62B 18/025** (2013.01)

Cited by  
US6340024B1; US7210477B2

Designated contracting state (EPC)  
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)  
**WO 8900873 A1 19890209**; AT E112974 T1 19941115; DE 3851879 D1 19941124; DE 3851879 T2 19950316; EP 0327643 A1 19890816; EP 0327643 A4 19910703; EP 0327643 B1 19941019

DOCDB simple family (application)  
**US 8802588 W 19880802**; AT 88908471 T 19880802; DE 3851879 T 19880802; EP 88908471 A 19880802