

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
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