

Title (en)

Aircrew breathing protection gear.

Title (de)

Atemschutzausrüstung für Flugzeugbordpersonal.

Title (fr)

Equipement respiratoire de protection d'équipage d'aéronef.

Publication

EP 0483020 B1 19941109 (FR)

Application

EP 91402885 A 19911028

Priority

FR 9013304 A 19901026

Abstract (en)

[origin: EP0483020A1] The breathing gear is intended to protect the aircraft crew members during flight at high altitude and/or under a high load factor, requiring a breathing mask to be supplied with gas under a higher pressure than that of the surroundings. The gear comprises a mask mechanically linked to a helmet (10) equipped with an inflatable nape pouch (14) and regulator means (22) for supplying the mask with breathing gas under a pressure which is a function of the altitude and/or of the acceleration. The regulator means create in the nape pouch (14) of the helmet a pressure greater than that of the breathing gas supplied to the mask (12), at least when the supply pressure of the mask exceeds a predetermined threshold value. <IMAGE>

IPC 1-7

A62B 9/02; **A62B 18/04**; **A62B 18/02**; **A62B 18/08**

IPC 8 full level

A62B 9/02 (2006.01); **A62B 18/04** (2006.01)

CPC (source: EP)

A62B 9/02 (2013.01); **A62B 18/04** (2013.01)

Designated contracting state (EPC)

DE FR GB SE

DOCDB simple family (publication)

EP 0483020 A1 19920429; **EP 0483020 B1 19941109**; DE 69105091 D1 19941215; DE 69105091 T2 19950316; FR 2668373 A1 19920430; FR 2668373 B1 19940408

DOCDB simple family (application)

EP 91402885 A 19911028; DE 69105091 T 19911028; FR 9013304 A 19901026