

Title (en)

BREATHING PROTECTION APPARATUS WITH A BREATHING BAG CARRIED ON THE CHEST OF THE USER

Publication

EP 0190403 A3 19870916 (DE)

Application

EP 85113614 A 19851025

Priority

DE 3503628 A 19850202

Abstract (en)

[origin: US4840170A] The invention is a spacer of a respirator bag to be carried in front of the chest. Inside the respirator bag an oxygen producing chemical cartridge is positioned. On the outside of the respirator bag facing the body of the carrier, a spacer body open at its top and bottom, is positioned as a spacer between the carrier and respirator bag.

IPC 1-7

A62B 9/00; **A62B 7/08**

IPC 8 full level

A62B 7/08 (2006.01); **A62B 9/00** (2006.01)

CPC (source: EP US)

A62B 9/00 (2013.01 - EP US)

Citation (search report)

- [A] DE 583693 C 19330908 - DRAEGERWERK AG
- [A] DE 1813143 A1 19700625 - AUERGESELLSCHAFT GMBH [DE]
- [A] US 2403981 A 19460716 - JACKSON CAREY B, et al
- [A] FR 1549605 A 19681213
- [A] DE 1115133 B 19611012 - MINE SAFETY APPLIANCES CO

Designated contracting state (EPC)

BE FR GB

DOCDB simple family (publication)

EP 0190403 A2 19860813; **EP 0190403 A3 19870916**; **EP 0190403 B1 19901219**; CN 1004329 B 19890531; CN 85109447 A 19860730; DE 3503628 A1 19860814; DE 3503628 C2 19880204; JP H042075 B2 19920116; JP S61181474 A 19860814; SU 1494854 A3 19890715; US 4840170 A 19890620; ZA 859688 B 19860827

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EP 85113614 A 19851025; CN 85109447 A 19851228; DE 3503628 A 19850202; JP 2029486 A 19860203; SU 4008370 A 19860121; US 7252687 A 19870713; ZA 859688 A 19851219