

Title (en)  
Chemical oxygen device

Title (de)  
Chemikalsauerstoffgerät

Title (fr)  
Dispositif d'oxygène chimique

Publication  
**EP 0674918 B1 19981007 (DE)**

Application  
**EP 95104634 A 19950329**

Priority  
DE 4411560 A 19940402

Abstract (en)  
[origin: DE4411560C1] One or more chemical cartridges (2) in a housing (1) absorb carbon dioxide and give off oxygen gas. An exhalation bag (3) is contained in an inhalation bag (7), and inhalation (4) and exhalation (5) valves are included, together with a particle filter (6). A power source (10) for the fan (8) may be connected to the evaluator (9) and can be accommodated in the housing. The cartridges can consist of double-skinned vessels accommodating a coolant and containing ignition equipment (2) connected to the evaluator. A pressure-relief valve (11) can be mounted in the exhalation valve.

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

IPC 8 full level  
**A62B 7/08** (2006.01); **A62B 18/08** (2006.01)

CPC (source: EP US)  
**A62B 7/08** (2013.01 - EP US); **A62B 18/088** (2013.01 - EP US)

Citation (examination)

- DE 4023013 A1 19910131 - SABRE SAFETY LTD [GB]
- DE 4126685 A1 19930218 - AUERGESELLSCHAFT GMBH [DE]
- DE 4137331 A1 19930519 - AUERGESELLSCHAFT GMBH [DE]
- DE 2635376 C2 19840405
- DE 1901243 A1 19700813 - AUERGESELLSCHAFT GMBH
- US 1474205 A 19231113 - MASE ROSCOE P

Designated contracting state (EPC)  
BE ES FR GB IT NL SE

DOCDB simple family (publication)  
**DE 4411560 C1 19950803**; AU 1624495 A 19951012; AU 682251 B2 19970925; EP 0674918 A1 19951004; EP 0674918 B1 19981007; ES 2126172 T3 19990316; US 5613488 A 19970325; ZA 952720 B 19951221

DOCDB simple family (application)  
**DE 4411560 A 19940402**; AU 1624495 A 19950403; EP 95104634 A 19950329; ES 95104634 T 19950329; US 41318495 A 19950330; ZA 952720 A 19950403