

Title (en)

WARNING DEVICE FOR INDICATING THE STATE OF EXHAUSTION OF A GAS FILTER

Publication

EP 0246444 A3 19900822 (DE)

Application

EP 87105362 A 19870410

Priority

DE 3613512 A 19860422

Abstract (en)

[origin: US4873970A] A warning device comprised of an electrochemical cell which detects the concentration of toxic gas that is passing through a housing holding the cell to a face mask. The cell produces a signal corresponding to the concentration level of toxic gas present. The signal is received by a threshold switch which is set to produce a signal only when a signal from the cell equals or exceeds a predetermined level. The signal from the threshold switch activates a visual signal means and acoustical signal means to indicate that a gas filter, connected to the warning device, is exhausted.

IPC 1-7

A62B 9/00

IPC 8 full level

A62B 9/00 (2006.01); **A62B 18/08** (2006.01)

CPC (source: EP US)

A62B 18/088 (2013.01 - EP US)

Citation (search report)

- [A] FR 843542 A 19390705 - PIRELLI
- [A] DE 2529058 A1 19770203 - WALLACE RICHARD A
- [A] US 4051006 A 19770927 - NETI RADHAKRISHNA MURTY, et al

Cited by

FR2677765A1; WO9612524A1; WO9612523A1

Designated contracting state (EPC)

BE DE FR GB IT NL SE

DOCDB simple family (publication)

DE 3613512 A1 19871029; DE 3613512 C2 19940929; DE 3613512 C3 19940929; DE 3783944 D1 19930318; EP 0246444 A2 19871125; EP 0246444 A3 19900822; EP 0246444 B1 19930203; US 4873970 A 19891017

DOCDB simple family (application)

DE 3613512 A 19860422; DE 3783944 T 19870410; EP 87105362 A 19870410; US 32306989 A 19890310