

Title (en)
CARBON MONOXIDE BREATHING AIR FILTER

Publication
EP 0193861 A3 19890222 (DE)

Application
EP 86102494 A 19860226

Priority
DE 3507486 A 19850302

Abstract (en)
[origin: EP0193861A2] The filter having a first filter layer which carries a flow at least in one-way breathing and contains a first CO catalyst, is to be improved with respect to its protective action at high CO concentration and during long periods in use. According to the invention, this is achieved by combining the first filter layer (2) with a second filter layer (4) which contains a second CO catalyst whose catalyst activity and water vapour sensitivity differs from those of the first CO catalyst. In a favourable combination, the first CO catalyst contains a metal or metal compound from the group of the platinum metals applied to a support, and the second CO catalyst contains hopcalite. <IMAGE>

IPC 1-7
A62B 19/02

IPC 8 full level
A62B 18/10 (2006.01); **A62B 19/02** (2006.01); **A62B 23/04** (2006.01)

CPC (source: EP)
A62B 19/02 (2013.01)

Citation (search report)
• [A] DE 671176 C 19390211 - AUERGESELLSCHAFT AG
• [AP] EP 0155991 A1 19851002 - DRAEGERWERK AG [DE]
• [AD] DE 1246416 B 19670803 - DRAEGERWERK AG

Cited by
WO9507115A1

Designated contracting state (EPC)
BE DE FR GB NL

DOCDB simple family (publication)
EP 0193861 A2 19860910; EP 0193861 A3 19890222; DE 3507486 A1 19860904; DE 3507486 C2 19870102; JP S61209674 A 19860917

DOCDB simple family (application)
EP 86102494 A 19860226; DE 3507486 A 19850302; JP 4428886 A 19860303