

Title (en)
Air filter for internal combustion engines

Title (de)
Luftfilter für Brennkraftmaschinen

Title (fr)
Filtre à air pour moteurs à combustion interne

Publication
EP 0624726 B1 19970326 (DE)

Application
EP 94106084 A 19940420

Priority
DE 9307147 U 19930511

Abstract (en)
[origin: CA2123295A1] An air filter for an internal combustion engine which has a filter insert is arranged in a housing having a clean air outlet and an unfiltered air inlet provided with a screen. An auxiliary unfiltered air inlet 18 is also provided which is closed by a flap under normal operating conditions but which opens under the influence of a negative pressure generated in the filter housing if the screen becomes clogged because of snow or ice entrained in the air stream, so that air can enter the filter through the auxiliary air inlet.

IPC 1-7
F02M 35/08

IPC 8 full level
F02M 31/087 (2006.01); **F02M 35/024** (2006.01); **F02M 35/08** (2006.01); **F02M 35/09** (2006.01); **F02M 35/10** (2006.01)

CPC (source: EP US)
F02M 35/024 (2013.01 - EP US); **F02M 35/08** (2013.01 - EP US); **Y10S 55/28** (2013.01 - EP US)

Cited by
FR2995632A1; DE102019112912A1; WO2011083001A1; EP2071173A2; DE202007017610U1

Designated contracting state (EPC)
DE ES FR GB IT

DOCDB simple family (publication)
DE 9307147 U1 19930708; CA 2123295 A1 19941112; CA 2123295 C 20031014; CZ 103394 A3 19950118; CZ 283349 B6 19980318; DE 4413765 A1 19941117; DE 4413765 C2 19980917; DE 59402193 D1 19970430; EP 0624726 A1 19941117; EP 0624726 B1 19970326; ES 2102092 T3 19970716; JP 3474257 B2 20031208; JP H06346808 A 19941220; US 5400753 A 19950328

DOCDB simple family (application)
DE 9307147 U 19930511; CA 2123295 A 19940510; CZ 103394 A 19940428; DE 4413765 A 19940420; DE 59402193 T 19940420; EP 94106084 A 19940420; ES 94106084 T 19940420; JP 9634594 A 19940510; US 24134294 A 19940511