

Title (en)

Housing of air filter for IC engines and air filter incorporating said housing

Title (de)

Luftfiltergehäuse für Brennkraftmaschinen und Luftfilter umfassendes Gehäuse

Title (fr)

Boîtier de filtre à air pour moteurs à combustion interne et filtre à air comportant ledit boîtier

Publication

EP 2256329 A1 20101201 (EN)

Application

EP 10164146 A 20100527

Priority

IT TO20090407 A 20090527

Abstract (en)

A housing (11) of air filter for internal combustion engines, comprising: a container (13) having a holding recess (15) for the filtering element (17); a cover (31), removably housed in said holding recess (15) and containing said filtering element (17); a duct (19) for the air to be filtered and a duct (23) for the cleaned air, communicating with said holding recess; wherein said cover (31) has side walls (31a, 31b) defining a sealing edge (34) for a fluid-tight gasket (17a) for said filtering element and an abutment edge (36) projecting radially outwards from said side walls for the mechanical fastening of the cover (31) into the holding recess (15); wherein said sealing edge (34) and said abutment edge (36) are non-coplanar.

IPC 8 full level

F02M 35/02 (2006.01); **F02M 35/024** (2006.01)

CPC (source: EP)

F02M 35/0203 (2013.01); **F02M 35/024** (2013.01)

Citation (applicant)

- EP 1433947 A2 20040630 - CORNAGLIA G OFF MET SPA [IT]
- EP 1593834 A2 20051109 - SOGEFI FILTRATION DO BRASIL LT [BR]
- FR 2922269 A1 20090417 - MARK IV SYSTEMES MOTEURS SOC P [FR]

Citation (search report)

- [A] EP 1433947 A2 20040630 - CORNAGLIA G OFF MET SPA [IT]
- [A] EP 1593834 A2 20051109 - SOGEFI FILTRATION DO BRASIL LT [BR]
- [A] FR 2922269 A1 20090417 - MARK IV SYSTEMES MOTEURS SOC P [FR]
- [A] US 4861359 A 19890829 - TETTMAN BARTON J [CA]
- [A] DE 948208 C 19560830 - STEYR DAIMLER PUCH AG

Cited by

US2018195472A1; CN108343531A; US10550802B2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

BA ME RS

DOCDB simple family (publication)

EP 2256329 A1 20101201; **EP 2256329 B1 20120523**; ES 2388247 T3 20121011; IT 1395646 B1 20121016; IT TO20090407 A1 20101128

DOCDB simple family (application)

EP 10164146 A 20100527; ES 10164146 T 20100527; IT TO20090407 A 20090527