

Title (en)

Air cleaner for an internal combustion engine

Title (de)

Luftfilter für eine Brennkraftmaschine

Title (fr)

Filtre à air pour un moteur à combustion interne

Publication

EP 1350945 B1 20080611 (DE)

Application

EP 03005998 A 20030318

Priority

- DE 10213603 A 20020327
- DE 10304028 A 20030201

Abstract (en)

[origin: EP1350945A2] The air filter for an internal combustion engine comprises an air filter element (4) installed inside a housing (1) which consists of an outside air shell (2) and a filtered air shell (3). For airborne noise radiation at least one opening (6) with perforations (7) is provided in the outside air shell or filtered air shell. The opening is covered by air penetrable and fine mesh structured fabric (8) or a thin-walled sound element. The perforations are provided in a cartridge (11) fitted in the housing wall of the outside air shell or filtered air shell.

IPC 8 full level

F02M 35/024 (2006.01); **B01D 46/42** (2006.01); **F02M 35/14** (2006.01); **G10K 11/16** (2006.01); **G10K 11/162** (2006.01)

CPC (source: EP US)

F02M 35/024 (2013.01 - EP US); **F02M 35/1216** (2013.01 - EP US); **F02M 35/1238** (2013.01 - EP US); **F02M 35/14** (2013.01 - EP US)

Cited by

CN104220121A; EP1865186A3; DE10356583A1; EP1538329A3; US10288018B2; EP1538329A2; US7506626B2; DE102014009212A1

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