

Title (en)
Combined resonator and air filter

Title (de)
Resonatorluftfilter

Title (fr)
Filtre à air et résonateur combiné

Publication
EP 1400685 B1 20070704 (DE)

Application
EP 03102669 A 20030828

Priority
DE 10243883 A 20020921

Abstract (en)
[origin: EP1400685A2] The air filter has an air filter (13) arranged between an inlet (11) and an outlet (12). A connecting collar (15) for a resonator tube (16) is ranged on the air filter housing (14a,14b). At least part of the connecting collar forms at least part of the external wall of a resonant acoustic damper. Independent claims are included for a modular system for constructing an air filter, and for a method of manufacturing an air filter.

IPC 8 full level
F02M 35/14 (2006.01)

CPC (source: EP)
F02M 35/0207 (2013.01); **F02M 35/1211** (2013.01); **F02M 35/1216** (2013.01); **F02M 35/1266** (2013.01); **F02M 35/14** (2013.01)

Cited by
CN107100769A; CN113107724A; FR3069892A1; WO2016061604A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1400685 A2 20040324; **EP 1400685 A3 20050629**; **EP 1400685 B1 20070704**; AT E366357 T1 20070715; DE 10243883 A1 20040415; DE 50307607 D1 20070816

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