

Title (en)
Combined resonator and air filter

Title (de)
Resonatorluftfilter

Title (fr)
Filtre à air et résonateur combiné

Publication
EP 1400685 A3 20050629 (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 1-7
F02M 35/14

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)

Citation (search report)

- [X] DE 944405 C 19560614 - MANN & HUMMEL FILTER
- [X] EP 1156205 A2 20011121 - SIEMENS CANADA LTD [CA]
- [X] DE 3734338 A1 19880428 - GILARDINI SPA [IT]
- [X] DE 3429633 A1 19860220 - HENGST WALTER GMBH & CO KG [DE]
- [X] DE 9113807 U1 19911219
- [A] DE 4438556 A1 19960502 - MANN & HUMMEL FILTER [DE]

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FR3069892A1; CN107100769A; CN113107724A; 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

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