

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

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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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