

Title (en)

Silencer for the reduction of air noise and method for the production thereof

Title (de)

Schalldämpfer zur Verringerung von Luftgeräuschen und Verfahren zur Herstellung desselben

Title (fr)

Silencieux pour la réduction des bruits d'air et méthode pour sa fabrication

Publication

**EP 1403506 B1 20060705 (DE)**

Application

**EP 03020508 A 20030916**

Priority

DE 10243881 A 20020921

Abstract (en)

[origin: EP1403506A2] The attenuator for air noise, in particular, in the suction channel of an internal combustion engine comprises a duct (12) combined with a resonator chamber incorporating cutouts (13), partition walls (14) and a closure lid (14) distanced from the duct wall. An Independent claim is also included for a method for producing the proposed noise attenuator.

IPC 8 full level

**F02M 35/12** (2006.01); **F02M 35/10** (2006.01)

CPC (source: EP)

**F02M 35/1216** (2013.01); **F02M 35/1266** (2013.01)

Cited by

EP1795733A1; CN109339997A; DE202014007986U1; FR3073012A1; CN118669301A; DE102010022780A1; DE102010022780B4; EP2101057A1; FR2928705A1; FR2913463A1; CN108204317A; FR2894644A1; EP1624180A3; US12042756B2; US9605631B2; WO2022015826A1; WO2024009256A1; WO2015018910A1

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 1403506 A2 20040331**; **EP 1403506 A3 20050615**; **EP 1403506 B1 20060705**; AT E332441 T1 20060715; DE 10243881 A1 20040401; DE 50304126 D1 20060817

DOCDB simple family (application)

**EP 03020508 A 20030916**; AT 03020508 T 20030916; DE 10243881 A 20020921; DE 50304126 T 20030916