

Title (en)

Noise reduction part for an air intake tube

Title (de)

Schallreduzierendes Bauteil für ein Luftführungsrohr

Title (fr)

Pièce d'atténuation de bruit pour un tuyau d'admission d'air

Publication

**EP 1416148 A3 20060215 (DE)**

Application

**EP 03021915 A 20030929**

Priority

DE 10251501 A 20021104

Abstract (en)

[origin: EP1416148A2] The air intake tube (1) for an internal combustion motor, and especially its turbocharger, has a fitted absorption chamber linked to the flow (P) to reduce noise levels. The unit has a one-piece connector/damper (4) with a snap coupling (5), and an inlet end (6) pushed into the end (3) of the tube, so that the absorption chamber is between the inlet and the inner wall of the tube with the connector/damper secured at the tube. The inlet has two perforated sections (8,13).

IPC 8 full level

**F02M 35/12** (2006.01); **F01N 1/00** (2006.01); **F01N 1/08** (2006.01); **F01N 13/18** (2010.01); **F02B 37/00** (2006.01)

CPC (source: EP)

**F01N 1/003** (2013.01); **F01N 1/08** (2013.01); **F01N 13/1844** (2013.01); **F02M 35/10144** (2013.01); **F02M 35/1216** (2013.01); **F02M 35/1266** (2013.01); **F02M 35/1283** (2013.01); **F02B 37/00** (2013.01)

Citation (search report)

- [XY] DE 1052173 B 19590305 - VLADIMIR JANSÁ
- [YA] DE 19943246 A1 20010322 - DAIMLER CHRYSLER AG [DE]
- [A] US 6164410 A 20001226 - LINSBAUER PETER [DE], et al
- [AD] DE 19504223 A1 19960814 - VOLKSWAGEN AG [DE], et al
- [A] US 5839405 A 19981124 - FALKOWSKI ALAN [US], et al

Cited by

AT509691B1; EP3693597A1; FR3092361A1; CN111520229A; US11674481B2; US11255303B2; US11912210B2

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 1416148 A2 20040506; EP 1416148 A3 20060215; EP 1416148 B1 20090617;** DE 10251501 A1 20040519; DE 50311602 D1 20090730

DOCDB simple family (application)

**EP 03021915 A 20030929;** DE 10251501 A 20021104; DE 50311602 T 20030929