

Title (en)

FLUID GUIDELINE, ESPECIALLY IN THE FORM OF A TUBE FOR TAKING UP UNTREATED AIR IN AN AIR FILTER OF A MOTOR VEHICLE

Title (de)

FLUIDFÜHRUNG, INSBESONDERE IN FORM EINES ROHLUFTSCHLAUCHS ZUM EINSAUGEN VON ROHLUFT IN EINEN LUFTFILTER EINES KRAFTFAHRZEUGS

Title (fr)

CONDUITE POUR FLUIDE, NOTAMMENT SOUS FORME DE TUYAU SOUPLE D'ASPIRATION D'AIR NON FILTRE DANS UN FILTRE A AIR DE VEHICULE

Publication

EP 1425505 A1 20040609 (DE)

Application

EP 02777066 A 20020911

Priority

- DE 10144972 A 20010912
- EP 0210204 W 20020911

Abstract (en)

[origin: WO03023217A1] The invention relates to a fluid guideline (1) comprising at least two structural members (2,3,8) consisting of essentially acoustically tight material and at least one opening (11,11') for sound dissipation. The impedance of the flow resistance of the fluid flowing through the fluid guideline varies, especially in the form of a sudden impedance variation, between two adjacent structural members. The at least one opening in the region of the impedance variation is arranged between two adjacent structural members.

IPC 1-7

F02M 35/12; **G10K 11/16**

IPC 8 full level

F02M 35/12 (2006.01); **G10K 11/16** (2006.01); **F02B 29/04** (2006.01); **F02M 35/10** (2006.01)

CPC (source: EP US)

F02M 35/10137 (2013.01 - EP US); **F02M 35/10301** (2013.01 - EP US); **F02M 35/10321** (2013.01 - EP US); **F02M 35/10334** (2013.01 - EP US); **F02M 35/1036** (2013.01 - EP US); **F02M 35/1238** (2013.01 - EP US); **F02M 35/1272** (2013.01 - EP US); **G10K 11/161** (2013.01 - EP US); **F02B 29/0475** (2013.01 - EP US); **F02M 35/1034** (2013.01 - EP US); **F05C 2225/08** (2013.01 - EP US)

Citation (search report)

See references of WO 03023217A1

Designated contracting state (EPC)

DE ES FR

DOCDB simple family (publication)

WO 03023217 A1 20030320; **WO 03023217 B1 20040108**; DE 10144972 C1 20030515; DE 50203102 D1 20050616; EP 1425505 A1 20040609; EP 1425505 B1 20050511; US 2004262076 A1 20041230; US 7249652 B2 20070731

DOCDB simple family (application)

EP 0210204 W 20020911; DE 10144972 A 20010912; DE 50203102 T 20020911; EP 02777066 A 20020911; US 48901304 A 20040308