

Title (en)

System of air intake conduits for a combustion engine

Title (de)

Luftansaugkanalsystem für eine Brennkraftmaschine

Title (fr)

Système de conduits d'admission d'air pour moteur à combustion

Publication

EP 1138926 A3 20020717 (DE)

Application

EP 01104236 A 20010222

Priority

DE 10015210 A 20000327

Abstract (en)

[origin: EP1138926A2] The system housing has individual intake channels (3) and an exhaust return channel connected to the intake channels via valves. The system has a cover element (4) positioned on the housing (2) in such a way, that the return channel is defined between these two parts. The cover contains the valves formed as flat slide elements (11), and a drive mechanism, e.g. an electric motor (7) for the elements. Each intake channel has an exhaust intake (12) with flat seat (13), acting with the flat slide elements.

IPC 1-7

F02M 25/07; **F02M 35/104**

IPC 8 full level

F02M 25/07 (2006.01); **F02M 26/21** (2016.01); **F02M 26/38** (2016.01); **F02M 26/70** (2016.01); **F02M 35/104** (2006.01); **F02M 35/10** (2006.01)

CPC (source: EP)

F02M 26/21 (2016.02); **F02M 26/38** (2016.02); **F02M 26/70** (2016.02); **F02M 35/10222** (2013.01); **F02M 26/44** (2016.02)

Citation (search report)

- [DA] DE 19816266 A1 19991014 - PIERBURG AG [DE]
- [A] WO 9914477 A1 19990325 - MANN & HUMMEL FILTER [DE], et al
- [X] PATENT ABSTRACTS OF JAPAN vol. 1998, no. 02 30 January 1998 (1998-01-30)
- [A] PATENT ABSTRACTS OF JAPAN vol. 1997, no. 02 28 February 1997 (1997-02-28)
- [A] PATENT ABSTRACTS OF JAPAN vol. 1999, no. 01 29 January 1999 (1999-01-29)

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

EP 1138926 A2 20011004; **EP 1138926 A3 20020717**; **EP 1138926 B1 20031105**; DE 10015210 A1 20011004; DE 50100888 D1 20031211; ES 2204770 T3 20040501

DOCDB simple family (application)

EP 01104236 A 20010222; DE 10015210 A 20000327; DE 50100888 T 20010222; ES 01104236 T 20010222