

Title (en)  
Intake device for an internal combustion engine

Title (de)  
Sauganlage für eine Brennkraftmaschine

Title (fr)  
Dispositif d'admission pour un moteur à combustion interne

Publication  
**EP 1870591 B1 20090729 (DE)**

Application  
**EP 07118191 A 20041112**

Priority  
• EP 04026887 A 20041112  
• DE 10354129 A 20031119

Abstract (en)  
[origin: EP1533512A2] The induction unit (1) has at least one fresh gas distributor (2) to supply air to several cylinders, with a fresh air outlet (4) for each cylinder alongside each other. A distribution channel (12) from an exhaust gas return device (8) is fitted to the fresh air distributor alongside all the fresh gas outlets and communicating with the fresh gas distributor.

IPC 8 full level  
**F02M 35/10** (2006.01); **F02M 25/07** (2006.01)

CPC (source: EP)  
**F02M 26/19** (2016.02); **F02M 26/21** (2016.02); **F02M 26/25** (2016.02); **F02M 26/28** (2016.02); **F02M 26/30** (2016.02); **F02M 26/42** (2016.02); **F02M 35/10052** (2013.01); **F02M 35/10144** (2013.01); **F02M 35/10222** (2013.01); **F02M 35/10288** (2013.01); **F02M 35/10354** (2013.01); **F02M 35/1045** (2013.01); **F02M 35/112** (2013.01); **F02M 26/12** (2016.02)

Cited by  
FR2954414A1; EP2525075A1; FR2946699A1; CN102317611A; FR2973446A1; CN103688044A; US2010199663A1; FR2945582A1; FR2954413A1; US8677982B2; US9394862B2; US8584656B2; WO2011076539A1; WO2012130513A1; WO2011076538A1; US9556823B2; EP2516822B1

Designated contracting state (EPC)  
DE FR GB

DOCDB simple family (publication)  
**EP 1533512 A2 20050525; EP 1533512 A3 20060517; EP 1533512 B1 20080326**; DE 10354129 A1 20050623; DE 502004006651 D1 20080508; DE 502004009844 D1 20090910; EP 1870591 A2 20071226; EP 1870591 A3 20080220; EP 1870591 B1 20090729

DOCDB simple family (application)  
**EP 04026887 A 20041112**; DE 10354129 A 20031119; DE 502004006651 T 20041112; DE 502004009844 T 20041112; EP 07118191 A 20041112