

Title (en)

DEVICE FOR DISTRIBUTING INCOMING GASES IN AN INTERNAL COMBUSTION AIR SUPPLY SYSTEM

Title (de)

VORRICHTUNG ZUR VERTEILUNG ANKOMMENDER GASE IN EINEM VERBRENNUNGSLUFTZUFUHRSYSTEM

Title (fr)

DISPOSITIF DE REPARTITION DES GAZ D'ENTREE DANS UN SYSTEME D'ALIMENTATION EN AIR D'UN MOTEUR A COMBUSTION INTERNE

Publication

EP 2010778 A1 20090107 (FR)

Application

EP 07731883 A 20070406

Priority

- FR 2007051081 W 20070406
- FR 0651398 A 20060421

Abstract (en)

[origin: FR2900203A1] The device has a fresh air intake tube (1), a re-circulated exhaust gas intake tube (2) and an exhaust gas collector from which the tube (2) is branched. The tube (1) is connected to cylinders (C1, C2) of an internal combustion engine e.g. oil engine, by using a distributor (7) with its branches (7A, 7B), by intake valves (3). The tube (2) is connected to the cylinders by a distributor (8) with its branches (8A, 8B), by valves (4). The tube (2) has a throttle (6) controlling a passage between the tubes (1, 2). A throttle (9) is placed in the tube (1) upstream the throttle (6).

IPC 8 full level

F02M 25/07 (2006.01); **F02M 35/10** (2006.01)

CPC (source: EP US)

F02M 26/20 (2016.02 - EP US); **F02M 35/10032** (2013.01 - EP US); **F02M 35/10045** (2013.01 - EP US); **F02M 35/10131** (2013.01 - EP US); **F02M 35/10222** (2013.01 - EP US); **F02M 35/1085** (2013.01 - EP US); **F02M 35/112** (2013.01 - EP US)

Citation (search report)

See references of WO 2007125233A1

Citation (examination)

US 4856473 A 19890815 - KAWAI TAIYO [JP], et al

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

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DOCDB simple family (application)

FR 0651398 A 20060421; EP 07731883 A 20070406; FR 2007051081 W 20070406; JP 2009505938 A 20070406; US 29802107 A 20070406