

Title (en)  
DEVICE FOR ADMITTING INLET GASES AND/OR RECIRCULATED EXHAUST GASES INTO AN INTERNAL COMBUSTION ENGINE CYLINDER

Title (de)  
VORRICHTUNG FÜR DIE ZULASSUNG VON GASEINLÄSSEN UND/ODER RÜCKGEFÜHRTEN ABGASEN IN DEN ZYLINDER EINES VERBRENNUNGSMOTORS

Title (fr)  
DISPOSITIF D'INTRODUCTION, DANS UN CYLINDRE DE MOTEUR À COMBUSTION INTERNE, DE GAZ D'ADMISSION ET/OU DE GAZ D'ÉCHAPPEMENT RECIRCULÉS

Publication  
**EP 3025047 A1 20160601 (FR)**

Application  
**EP 14739759 A 20140709**

Priority  
• FR 1357405 A 20130726  
• EP 2014064708 W 20140709

Abstract (en)  
[origin: WO2015010903A1] The invention relates to a device for admitting inlet gases and/or recirculated exhaust gases into an internal combustion engine cylinder, the device comprising a duct (1) designed to supply said cylinder with inlet gases and/or with recirculated exhaust gases, characterized in that said device further comprises, in the duct, a flow control means (5) that can be operated between a first position in which said duct supplies the cylinder with the inlet gases and a second position in which said duct supplies the cylinder with the recirculated exhaust gases. It also relates to the intake module and to the engine equipped therewith.

IPC 8 full level  
**F02M 35/10** (2006.01); **F02B 29/04** (2006.01); **F02D 9/02** (2006.01); **F02D 17/02** (2006.01); **F02M 26/00** (2016.01)

CPC (source: EP US)  
**F02D 9/02** (2013.01 - US); **F02D 17/02** (2013.01 - EP US); **F02M 26/20** (2016.02 - EP US); **F02M 26/64** (2016.02 - EP US); **F02M 26/71** (2016.02 - EP US); **F02M 35/10222** (2013.01 - US); **F02M 35/10255** (2013.01 - EP US); **F02B 29/0475** (2013.01 - EP US); **F02D 2009/0276** (2013.01 - EP US); **F02M 26/21** (2016.02 - EP US); **F02M 26/52** (2016.02 - EP US); **F02M 26/70** (2016.02 - EP US)

Citation (search report)  
See references of WO 2015010903A1

Citation (examination)  
JP 2005325781 A 20051124 - MITSUBISHI ELECTRIC CORP

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**WO 2015010903 A1 20150129**; BR 112015032257 A2 20170725; BR 112015032257 B1 20220215; CN 105473842 A 20160406; CN 105473842 B 20180327; EP 3025047 A1 20160601; FR 3009030 A1 20150130; FR 3009030 B1 20181207; JP 2016530433 A 20160929; JP 6456375 B2 20190123; KR 20160029072 A 20160314; US 2016146164 A1 20160526; US 9874181 B2 20180123

DOCDB simple family (application)  
**EP 2014064708 W 20140709**; BR 112015032257 A 20140709; CN 201480039744 A 20140709; EP 14739759 A 20140709; FR 1357405 A 20130726; JP 2016524808 A 20140709; KR 20167000759 A 20140709; US 201414904544 A 20140709