

Title (en)  
Intake system for internal combustion engine

Title (de)  
Ansaugsystem für Verbrennungsmotoren

Title (fr)  
Système d'entrée pour moteur à combustion interne

Publication  
**EP 2647822 A1 20131009 (EN)**

Application  
**EP 13162256 A 20130404**

Priority  
JP 2012086781 A 20120405

Abstract (en)  
A casing including a main body and a lid member and having a space formed in an inside thereof, a partition member that partitions the space in the inside of the casing into a dirty side in which a dirty side chamber and an introduction channel are formed, and a clean side in which a clean side chamber is formed, and an intake portion that takes air into the dirty side from an outside of the casing are included. In the dirty side, a bulkhead portion that extends along a part of a side wall portion of the casing from the intake portion to form the introduction channel between the bulkhead portion and the part of the side wall portion is formed, and a communication hole that allows the introduction channel and the dirty side chamber to communicate with each other to allow air to flow therebetween is formed midway in an extending direction of the bulkhead portion.

IPC 8 full level  
**F02M 35/14** (2006.01)

CPC (source: EP)  
**F02M 35/14** (2013.01)

Citation (applicant)  
JP S59121466 U 19840816

Citation (search report)  
• [X] DE 3606630 A1 19860828 - ROTH TECHNIK GMBH [DE]  
• [X] DE 3429633 A1 19860220 - HENGST WALTER GMBH & CO KG [DE]  
• [A] US 2009007876 A1 20090108 - ARRUDA ANTHONY CHARLES [US], et al  
• [A] DE 29912243 U1 19991021 - KWANG YANG MOTOR CO [TW]

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)  
**EP 2647822 A1 20131009; EP 2647822 B1 20150304; EP 2647822 B2 20190403**; CN 103362701 A 20131023; CN 103362701 B 20160817; ES 2537420 T3 20150608; ES 2537420 T5 20190808; JP 2013217235 A 20131024; JP 5987425 B2 20160907

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