

Title (en)  
Intake manifold and engine head system

Title (de)  
Saugrohr-Zylinderkopfanordnung

Title (fr)  
Collecteur d'aspiration et culasse pour un moteur

Publication  
**EP 1801369 A1 20070627 (DE)**

Application  
**EP 06026221 A 20061218**

Priority  
DE 102005061448 A 20051222

Abstract (en)  
The arrangement has an intake manifold device (5) with an intake manifold (6), which is arranged at a cylinder head (1). The cylinder head has positioning units that correspond to positioning recesses (4a) of a flange. The cylinder head has a gas recycle line (3) that makes a connection between a crankshaft area and the intake manifold via the positioning recesses. One of the positioning units is arranged in an inlet area of the intake manifold.

IPC 8 full level  
**F01M 13/02** (2006.01)

CPC (source: EP)  
**F01M 13/022** (2013.01); **F02M 35/10078** (2013.01); **F02M 35/10222** (2013.01); **F02M 35/112** (2013.01)

Citation (search report)

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- [A] DE 3704567 A1 19880825 - KLOECKNER HUMBOLDT DEUTZ AG [DE]
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- [A] US 4602607 A 19860729 - BALSLEY RICHARD L [US]

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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 NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK YU

DOCDB simple family (publication)  
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DOCDB simple family (application)  
**EP 06026221 A 20061218**; AT 06026221 T 20061218; DE 102005061448 A 20051222; DE 502006001379 T 20061218