

Title (en)
Integrated injection system

Title (de)
Integriertes Einspritzsystem

Title (fr)
Système d'injection intégré

Publication
EP 1715168 A1 20061025 (DE)

Application
EP 06114462 A 20041203

Priority
• EP 06114462 A 20041203
• EP 04106278 A 20041203

Abstract (en)
The engine has an injection system (2), which is arranged in the inner region of a cylinder head (1) i.e. between a oil chamber (4) of the head and intake channels (3), such that the injection system is quasi integrated in the head. The injection system is connected with a hood. The hood is connected with intake channels, so that these serve for intake air guidance, where the channels are manufactured as one piece with the head.

IPC 8 full level
F02F 1/24 (2006.01); **F02F 7/00** (2006.01); **F02M 61/14** (2006.01)

CPC (source: EP)
F02M 55/025 (2013.01); **F02M 61/145** (2013.01); **F02M 61/166** (2013.01); **F02M 69/465** (2013.01); **F02M 2200/185** (2013.01); **F02M 2200/9015** (2013.01)

Citation (search report)
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FR2909731A1

Designated contracting state (EPC)
DE FR GB

Designated extension state (EPC)
AL BA HR LV MK YU

DOCDB simple family (publication)
EP 1715168 A1 20061025; EP 1715168 B1 20100804; DE 502004006206 D1 20080327; DE 502004011493 D1 20100916;
EP 1669582 A1 20060614; EP 1669582 B1 20080213

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