

Title (en)
Separate cooling of cylinder head

Title (de)
Getrennte Zylinderkopf-Kühlung

Title (fr)
Système de refroidissement de culasse avec partition

Publication
EP 1698770 A1 20060906 (DE)

Application
EP 05101700 A 20050304

Priority
EP 05101700 A 20050304

Abstract (en)
The engine has a cylinder head with a cooling system for forming two cooling areas that are running from two coolant flows respectively, where one of the cooling areas is arranged at an outlet duct, and another cooling area is arranged at the remaining of the head. Control units (8) are arranged at the system in such a manner that the coolant flows are separately controllable from each other by the respective cooling areas.

IPC 8 full level
F01P 3/02 (2006.01); **F01P 3/14** (2006.01); **F01P 7/16** (2006.01)

CPC (source: EP)
F01P 3/02 (2013.01); **F01P 3/14** (2013.01); **F01P 7/165** (2013.01); **F01P 2003/021** (2013.01); **F01P 2003/024** (2013.01); **F01P 2003/027** (2013.01); **F01P 2003/028** (2013.01); **F01P 2007/146** (2013.01)

Citation (applicant)
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• FR 2845420 A1 20040409 - MARK IV SYSTEMES MOTEURS SA [FR]
• FR 2856426 A1 20041224 - MARK IV SYSTEMES MOTEURS SA [FR]
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Citation (search report)
• [XY] EP 1375857 A1 20040102 - RENAULT SA [FR]
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