

Title (en)
COOLING DEVICE FOR ENGINE

Title (de)
KÜHLVORRICHTUNG FÜR EINEN MOTOR

Title (fr)
DISPOSITIF DE REFROIDISSEMENT POUR MOTEUR

Publication
EP 2508728 A4 20140319 (EN)

Application
EP 09851838 A 20091201

Priority
JP 2009070190 W 20091201

Abstract (en)
[origin: EP2508728A1] A cooling device 1A for engine includes: an engine 50A having a cylinder block 51, a cylinder head 52A and a gasket 54, the gasket 54 being provided between the cylinder block 51 and the cylinder head 52A and having a high thermal conductivity member 54a allowing heat transfer between an upper part of a cylinder 51a and the cylinder head 52A with a heat transfer rate higher than the other part, a partial W/J 521eA being provided around the high thermal conductivity member 54a; and an ECU 70A performing a control for changing flow condition of cooling medium flowing in the partial W/J 521eA, according to combustion engine operation condition.

IPC 8 full level
F01P 7/16 (2006.01); **F02F 1/00** (2006.01); **F02F 1/36** (2006.01); **F02F 1/40** (2006.01); **F02F 11/00** (2006.01)

CPC (source: EP US)
F02F 1/002 (2013.01 - EP US); **F02F 1/40** (2013.01 - EP US); **F02F 11/00** (2013.01 - EP US); **F01P 2003/024** (2013.01 - EP US); **F01P 2003/027** (2013.01 - EP US)

Citation (search report)

- No further relevant documents disclosed
- See references of WO 2011067830A1

Cited by
AT522742B1

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 2508728 A1 20121010; **EP 2508728 A4 20140319**; CN 102639835 A 20120815; JP 5338916 B2 20131113; JP WO2011067830 A1 20130418; US 2012234267 A1 20120920; WO 2011067830 A1 20110609

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