Title (en)

Water pump carrier for fitting to a combustion engine

Title (de)

Wasserpumpenträger zum Anbau an einer Brennkraftmaschine

Title (fr)

Support de pompe à eau destiné à l'intégration sur un moteur à combustion interne

Publication

EP 1953377 A3 20100728 (DE)

Application

EP 08000597 A 20080114

Priority

DE 102007004419 A 20070130

Abstract (en)

[origin: EP1953377A2] The engine has a tooth belt area covered by a tooth belt cover (7) and arranged at a front side opposite to a flywheel side. A crankshaft and a camshaft that is supported in a crankcase (1) are rotatably connected in an area below a cylinder head (2). An attaching surface for a water pump carrier (8) is provided at the crankcase and/or the head above the cover, where the carrier supports a water pump (9). Cooling water crossings are arranged in the crankcase and/or the head and cooperate with the carrier having integrated cooling water passing pipelines and a thermostat area (13).

IPC 8 full level

F01P 5/10 (2006.01); **F01P 5/04** (2006.01); **F02F 7/00** (2006.01)

CPC (source: EP)

F01P 5/04 (2013.01); **F01P 5/10** (2013.01); F01P 7/16 (2013.01); F01P 2003/021 (2013.01); F01P 2003/024 (2013.01)

Citation (search report)

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- [X] EP 1211390 A1 20020605 - HONDA MOTOR CO LTD [JP]
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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

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DOCDB simple family (application)

EP 08000597 A 20080114; DE 102007004419 A 20070130