

Title (en)
Engine

Title (de)
Verbrennungsmotor

Title (fr)
Moteur

Publication
EP 2818662 A1 20141231 (EN)

Application
EP 13191018 A 20131031

Priority
JP 2013136580 A 20130628

Abstract (en)
The end portion of the cylinder head includes a first end portion, and a first depressed portion depressed in a circular arc shape from the first end portion. The end portion of the cylinder head cover includes a second end portion and a second depressed portion depressed in a circular arc shape from the second end portion. A first virtual plane through the first end portion and a second virtual plane through the second end portion overlap with the camshaft. A mounting member includes a gasket and a collar member. The gasket includes a ring portion and the main body. The ring portion, having a circular form, is arranged between the first depressed portion and the second depressed portion. The main body is arranged between the first end portion of the cylinder head and the second end portion of the cylinder head cover. The collar member, a tubular shaped member, is inserted in the opening of the ring portion. The water pump is installed in the collar member. The ring portion is integrated with the collar member.

IPC 8 full level
F01P 5/10 (2006.01); **F02F 7/00** (2006.01); **F02F 11/00** (2006.01)

CPC (source: EP)
F01P 5/10 (2013.01); **F02F 7/006** (2013.01); **F02F 11/002** (2013.01)

Citation (applicant)
JP 2010138822 A 20100624 - HONDA MOTOR CO LTD

Citation (search report)
• [A] EP 2202392 A2 20100630 - HONDA MOTOR CO LTD [JP]
• [A] DE 102004043558 A1 20060330 - DAIMLER CHRYSLER AG [DE]
• [A] DE 3831413 A1 19900426 - BRUSS DICHTUNGSTECHNIK [DE]
• [A] US 2008041324 A1 20080221 - MATSUSHIMA TOSHISYUKI [JP], et al

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2818662 A1 20141231; **EP 2818662 B1 20151014**; ES 2550707 T3 20151111; JP 2015010551 A 20150119

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