

Title (en)
OIL PUMP

Title (de)
ÖLPUMPE

Title (fr)
POMPE À HUILE

Publication
EP 2811163 A4 20151111 (EN)

Application
EP 13744367 A 20130131

Priority
• JP 2012021728 A 20120203
• JP 2013052131 W 20130131

Abstract (en)
[origin: EP2811163A1] An oil pump of the present invention includes a housing (10, 20) which includes an inlet port (44b) to suck oil, a discharge port (52) to discharge oil, and a purge port (24) to eject air-mixed oil, an inner rotor (71, 81) which is arranged in the housing as being rotatable about a predetermined axis line (S), an outer rotor (72, 82) which is arranged in the housing to be rotated as being interlocked with the inner rotor, and a filter member (90) which is arranged at the housing from the outside thereof to prevent foreign matter from entering through the purge port. According to the above, entering of foreign matter and the like can be prevented even when oil is sucked through the purge port.

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F04C 2/10 (2006.01)

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F04C 2/102 (2013.01 - EP US); **F04C 14/28** (2013.01 - EP US); **F04C 15/064** (2013.01 - US); **F04C 2220/20** (2013.01 - EP US); **F04C 2280/02** (2013.01 - EP US)

Citation (search report)
• [AD] JP H09203308 A 19970805 - KAWASAKI HEAVY IND LTD
• [A] JP 2002221157 A 20020809 - TOYOTA IND CORP
• See references of WO 2013115292A1

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EP2818719A4

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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

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