

Title (en)
Motor vehicle coolant pump

Title (de)
Kfz-Kühlmittelpumpe

Title (fr)
Pompe à moyen de refroidissement pour véhicule automobile

Publication
EP 2469102 B1 20170802 (DE)

Application
EP 10196523 A 20101222

Priority
EP 10196523 A 20101222

Abstract (en)
[origin: EP2469102A1] The pump (10) has a one-piece pump rotor housing part (12) and a one-piece body housing part (14) provided with respective mounting flanges (16, 18) for radially fixing the housing parts with each other. The mounting flanges allow mounting of the housing parts on each other in a rotational position at a single rotational angle. The rotor housing part is arranged at a recess (21) formed in a rotary fixture (20), and the body housing part is arranged on a projection (22) of the rotary fixture. A pump rotor (38) is rotatably arranged in the rotor housing part.

IPC 8 full level
F04D 29/42 (2006.01); **F04D 29/62** (2006.01)

CPC (source: EP US)
F01P 5/10 (2013.01 - US); **F04D 29/426** (2013.01 - EP US); **F04D 29/628** (2013.01 - EP US)

Cited by
EP2818722A1; US2013136633A1; US9422939B2; EP4390138A1; BE1031161B1; WO2015121051A1; WO2014206637A1; US10502214B2; EP2796722A1

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DOCDB simple family (publication)
EP 2469102 A1 20120627; EP 2469102 B1 20170802; CN 103384771 A 20131106; CN 103384771 B 20160824; US 2013309084 A1 20131121; US 9458757 B2 20161004; WO 2012084278 A1 20120628

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EP 10196523 A 20101222; CN 201180068259 A 20110801; EP 2011063210 W 20110801; US 201113996548 A 20110801