

Title (en)

ADJUSTABLE COOLING PUMP FOR INTERNAL COMBUSTION ENGINE

Title (de)

PUMPE MIT VERSTELLBARER KÜHLUNG FÜR EINE BRENNKRAFTMASCHINE

Title (fr)

POMPE DE REFROIDISSEMENT RÉGLABLE POUR MOTEUR À COMBUSTION INTERNE

Publication

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Application

EP 14738622 A 20140612

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Abstract (en)

[origin: WO2015004548A1] The invention is an adjustable cooling pump (1) for a cooling circuit of an internal combustion engine, The pump (1) comprises a pump body (2) having at least one entry channel (21, 21') and an exit channel (22) between which a rotor (3) is inserted.. In addition, the pump (10) comprises regulation means (10) for regulating the flow of liquid to the rotor (3) depending on its temperature, which comprise a translatable obturator cartridge (100), positioned on the opposite side of the rotation shaft (5) of the rotor (3). The cartridge (100) has an obturator portion (110) housed in the, rotor chamber (20) and a guide portion (120) housed in the entry channel (21) so that the latter guides' the translation of the obturator cartridge (100).

IPC 8 full level

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