

Title (en)
ADJUSTABLE COOLANT PUMP

Title (de)
VERSTELLBARE KÜHLMITTELPUMPE

Title (fr)
POMPE DE REFROIDISSEMENT RÉGLABLE

Publication
EP 3597925 B1 20240214 (EN)

Application
EP 18382968 A 20181221

Priority
EP 18382529 A 20180716

Abstract (en)
[origin: EP3597925A1] An adjustable coolant pump comprising: a housing 12; a shaft 13 to rotate around an axis of rotation of the housing; an impeller 14 assembled in the shaft; a shutter 2 displaceable along the axis of rotation to cover, at least partially, an outflow region of the impeller such that an amount of the coolant delivered by the pump is adjustable; an adjustment sealing arrangement provided between the shutter and an annular wall 122, wherein the housing comprises: a top face 15 and a bottom face 16 disposed substantially perpendicular to the axis of rotation, the bottom face being provided between the top face and the shutter. Also provided is a method of operation of an adjustable coolant pump.

IPC 8 full level
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CPC (source: EP)
F01P 7/161 (2013.01); **F04D 15/0038** (2013.01); **F04D 29/128** (2013.01)

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