

Title (en)
Coolant pump

Title (de)
Kühlmittelpumpe

Title (fr)
Pompe à réfrigérant

Publication
EP 2072825 A3 20120328 (DE)

Application
EP 08172030 A 20081217

Priority
DE 102007055907 A 20071221

Abstract (en)
[origin: EP2072825A2] The pump has a rotor (7) and a stator (8) are cylindrically formed and concentrically arranged together under retention of an axially running air gap (12) through which coolant flows, where the rotor is designed as an external rotor. A pump wheel (1) is axially fastened to the rotor by adjusting a rotational axis (16) of the rotor, and the rotor is extended into a rotor casing (13). The casing is attached to a pump chamber (3), and the stator is arranged in a stator casing (14). The stator casing is concentrically provided within the rotor casing, and is sealed against the rotor casing.

IPC 8 full level
F04D 13/06 (2006.01); **F04D 15/02** (2006.01); **F04D 29/047** (2006.01)

CPC (source: EP)
F04D 13/0673 (2013.01); **F04D 15/0254** (2013.01); **F04D 29/0473** (2013.01)

Citation (search report)

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Designated contracting state (EPC)
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Designated extension state (EPC)
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