

Title (en)
ELECTRIC COOLANT PUMP

Title (de)
ELEKTRISCHE KÜHLMITTELPUMPE

Title (fr)
POMPE ÉLECTRIQUE À RÉFRIGÉRANT

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Application
EP 18825616 A 20181213

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Abstract (en)
[origin: WO2019166118A1] The invention relates to an electric coolant pump (1), in particular for pumping cooling liquid for cooling an internal combustion engine of a vehicle. The electric coolant pump (1) has a pump impeller (2) for accelerating the coolant to be pumped, a rotor shaft (3), on which the pump impeller (2) is mounted, an electric motor (6) having a stator (8) and a rotor (7) for driving the rotor shaft (3), a control circuit (13) for controlling the electric motor (6), and a pump housing (10), which holds at least the control circuit (13) and the electric motor (6). The coolant to be pumped can flow through the pump housing (10). The coolant to be pumped thus flows around the stator (8), the rotor (7) and the control circuit (13).

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