Title (en)

MOTOR PUMP UNIT

Title (de)

MOTORPUMPENEINHEIT

Title (fr)

UNITÉ MOTEUR-POMPE

Publication

EP 2396545 A1 20111221 (DE)

Application

EP 09776376 A 20090213

Priority

EP 2009001026 W 20090213

Abstract (en)

[origin: WO2010091698A1] The invention relates to a motor pump unit for a high-pressure cleaning device, comprising an electric motor and a pump, the electric motor having a motor housing which is surrounded by a cooling housing, forming an annular chamber with an annular chamber inlet and an annular chamber outlet. The pump has a drive housing, on which the motor shaft is mounted, a suction inlet and a pressure outlet and the annular chamber outlet is in fluidic connection with the suction inlet. The liquid that is to be pressurised by the pump can be supplied to the annular chamber inlet. To improve the motor pump unit in such a way that the thermal load on the drive housing can be reduced, said drive housing has at least one cooling channel which is located upstream of the suction inlet and through which the liquid that is to be pressurised can flow.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2010091698A1

Designated contracting state (EPC)

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