

Title (en)
MOTOR PUMP UNIT

Title (de)
MOTORPUMPENEINHEIT

Title (fr)
UNITÉ MOTEUR-POMPE

Publication
EP 2396546 A1 20111221 (DE)

Application
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Abstract (en)
[origin: WO2010091965A1] The invention relates to a motor pump unit for a high pressure cleaning device having an electrical motor and a pump, wherein the electrical motor has a motor housing that is surrounded by a cooling housing forming a ring space having a ring space inlet and a ring space outlet, wherein the pump has a suction inlet connected to the ring space outlet and a pressure outlet and the fluid to be conveyed by the pump can be supplied to the ring space inlet. In order to further form the motor pump unit such that the motor housing has a thin wall thickness and can still be effectively cooled over a large surface region, the motor housing is designed as a one-piece deep-draw part according to the invention that contacts stator plates of the electrical motor in a front sheath region and is arranged at a distance to the rear coil heads of the stator in a rear sheath region and has stiffness increasing recesses in the rear sheath region, wherein the front and the rear sheath region are surrounded by the ring space.

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