

Title (en)
ELECTRIC PUMP

Title (de)
ELEKTRISCHE PUMPE

Title (fr)
POMPE ÉLECTRIQUE

Publication
EP 3045735 A1 20160720 (EN)

Application
EP 16151193 A 20160114

Priority
ES 201530032 U 20150114

Abstract (en)
Electric pump (1) comprising a pump body (2) and a motor body (3), the motor body (3) comprising an enclosure (4) by means of which it is coupled to the pump body (2), a rotatable impeller (5), and an electric motor (20), the impeller (5) is arranged on one side of the enclosure (4) whereas the motor (20) is arranged on the other side, the electric motor (20) comprises a stator (6), at least one stator coil (6a) and a rotor (7) comprising a shaft (7a) cooperating with the impeller (5), the electric pump (1) moreover comprises a cover (8) attached to the enclosure (4) such that a leak-tight chamber (9) is formed therein, the stator (6) and the stator coil/coils (6a) being arranged inside said leak-tight chamber (9), wherein the chamber (9) is filled with a thermally conductive material.

IPC 8 full level
F04D 29/58 (2006.01); **A47L 15/42** (2006.01); **D06F 39/08** (2006.01)

CPC (source: CN EP US)
F04D 13/06 (2013.01 - CN); **F04D 13/0606** (2013.01 - EP); **F04D 29/5806** (2013.01 - CN EP US); **F04D 29/5893** (2013.01 - CN); **F04D 29/669** (2013.01 - CN); **A47L 15/4225** (2013.01 - EP); **D06F 39/085** (2013.01 - EP US); **D06F 2103/42** (2020.02 - EP US); **D06F 2103/48** (2020.02 - EP US)

Citation (applicant)
ES 1101080 U 20140224 - COPRECITEC SL [ES]

Citation (search report)
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Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

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