

Title (en)
Eccentric screw pump

Title (de)
Exzentrerschneckenpumpe

Title (fr)
Pompe à vis sans fin excentrique

Publication
EP 2295800 A3 20120613 (DE)

Application
EP 10172673 A 20100812

Priority
DE 102009037993 A 20090820

Abstract (en)
[origin: EP2295800A2] The pump (1) has a pump body (2) with a screw-like rotor (5) rotatable relative to the pump body. The rotor is coupled with a driving motor by a connecting unit, where the rotor is rotatable by the driving motor. The connecting unit is designed as a connecting shaft (15) rotatably supported in the pump body. The connecting shaft is sealed to the pump body by a sealing element (17), and the rotor is detachably arranged at the connecting shaft. The connecting shaft is designed as a hollow shaft (19) into which a connecting bolt (20) is inserted, where the bolt is screwed into the rotor.

IPC 8 full level
F04C 2/107 (2006.01); **F04C 15/00** (2006.01)

CPC (source: EP)
F04C 2/1071 (2013.01); **F04C 15/0038** (2013.01); **F04C 15/0073** (2013.01); **F04C 2230/60** (2013.01); **F04C 2230/70** (2013.01); **F04C 2240/60** (2013.01)

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 SE SI SK SM TR

Designated extension state (EPC)
BA ME RS

DOCDB simple family (publication)
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