

Title (en)
ELECTROMOTIVELY-DRIVEN LIQUID PUMP

Title (de)
ELEKTROMOTORISCH ANGETRIEBENE FLÜSSIGKEITSPUMPE

Title (fr)
POMPE À LIQUIDE ENTRAÎNÉE PAR UN MOTEUR ÉLECTRIQUE

Publication
EP 3308023 A1 20180418 (DE)

Application
EP 16733873 A 20160609

Priority
• DE 102015210908 A 20150615
• DE 2016200271 W 20160609

Abstract (en)
[origin: WO2016202334A1] The invention relates to an electromotively-driven liquid pump, particularly an oil pump or reducing agent pump, comprising an electric motor (1), a displacement pump, particularly a gear pump (2), and an end shield (3) arranged between the electric motor (1) and the displacement pump. The aim of the invention is to provide, for an electromotively-driven liquid pump, mounting which can be produced cost-effectively, can tolerate manufacturing inaccuracies, and absorbs high radial forces. This problem is solved using the features of claim 1.

IPC 8 full level
F04C 2/10 (2006.01); **F04C 15/00** (2006.01); **H02K 5/15** (2006.01); **H02K 5/16** (2006.01); **H02K 5/167** (2006.01)

CPC (source: CN EP US)
F04C 2/10 (2013.01 - CN EP US); **F04C 15/008** (2013.01 - CN EP US); **H02K 5/128** (2013.01 - US); **H02K 5/167** (2013.01 - CN EP US);
H02K 5/1672 (2013.01 - US); **F04C 2240/40** (2013.01 - CN EP US); **F04C 2240/50** (2013.01 - CN EP US); **F04C 2240/54** (2013.01 - CN EP US);
F04C 2240/601 (2013.01 - CN EP US)

Citation (search report)
See references of WO 2016202334A1

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

DOCDB simple family (publication)
DE 102015210908 A1 20161215; CN 107810329 A 20180316; CN 107810329 B 20200904; EP 3308023 A1 20180418;
US 10451057 B2 20191022; US 2018100503 A1 20180412; WO 2016202334 A1 20161222

DOCDB simple family (application)
DE 102015210908 A 20150615; CN 201680034345 A 20160609; DE 2016200271 W 20160609; EP 16733873 A 20160609;
US 201715837395 A 20171211