

Title (en)
LIQUID RING SCREW PUMP DESIGN

Title (de)
SCHRAUBENPUMPENENTWURF MIT EINEM FLÜSSIGKEITSRING

Title (fr)
CONCEPTION D'UNE POMPE À VIS À ANNEAU LIQUIDE

Publication
EP 2870365 A4 20160323 (EN)

Application
EP 13816030 A 20130704

Priority
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• NO 2013000029 W 20130704

Abstract (en)
[origin: WO2014011055A1] Liquid ring screw pump (1) including a housing (2) with a suction inlet section (4) and a pressure outlet section (3) and within the housing (2) rotatably provided Archimedes screw rotor driven by a motor (6) via a shaft, the inlet section (4) and outlet section (3) each provided with connecting means for suction and pressure piping respectively. The pump and motor is constructed with a single leg or support or single pair of legs or supports (10) provided preferably at a weight balance point between the motor (6) and pump (1).

IPC 8 full level
F04C 7/00 (2006.01); **E03F 1/00** (2006.01); **F04D 3/02** (2006.01); **F04D 7/04** (2006.01); **F04D 29/52** (2006.01); **F04D 29/60** (2006.01)

CPC (source: EP US)
F04C 7/00 (2013.01 - US); **F04D 3/02** (2013.01 - EP US); **F04D 7/045** (2013.01 - EP US); **F04D 29/528** (2013.01 - EP US);
F04D 29/605 (2013.01 - EP US)

Citation (search report)
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