

Title (en)

Pumping device with Moineau pump

Title (de)

Pumpanlage mit Moineau-Pumpe

Title (fr)

Dispositif de pompage a pompe moineau

Publication

**EP 1310676 B1 20081224 (FR)**

Application

**EP 02292711 A 20021030**

Priority

FR 0114391 A 20011107

Abstract (en)

[origin: EP1310676A1] The pump (1) has an interior helicoidal rotor (2) with a helicoidal stator cavity and motors. A driving rod (5) is coupled by couplings (6,7) to a driving shaft (3) and to an end of the rotor. Each coupling comprises a spherical head (12) fixed to the rod and received in a cylindrical cavity (14) coaxially fixed to the end of the rotor. A ball (15) is part sheltered in a dish (16) of the spherical head and part in a lateral recess (19) of the cavity.

IPC 8 full level

**F04C 2/107** (2006.01); **F04C 15/00** (2006.01)

CPC (source: EP US)

**F04C 2/1071** (2013.01 - EP US); **F04C 15/0065** (2013.01 - EP US)

Cited by

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Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

**EP 1310676 A1 20030514**; **EP 1310676 B1 20081224**; DE 60230477 D1 20090205; FR 2831926 A1 20030509; FR 2831926 B1 20040702; US 2004131491 A1 20040708; US 6962489 B2 20051108

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