

Title (en)

Progressive cavity pump

Title (de)

Exzenterschneckenpumpe

Title (fr)

Pompe à cavités progressives et dispositif de pompage associé

Publication

**EP 2278164 A2 20110126 (FR)**

Application

**EP 10169896 A 20100716**

Priority

FR 0955175 A 20090723

Abstract (en)

The pump (2) has a stator (8) comprising an inlet end (21) for coupling to a fluid-receiving casing (20). An anchor element (36) comprises legs and clamping arms. The legs are supported on and fastened to a stationary plane support (38). The clamping arms clamp the inlet end of the stator. The inlet end and the clamping arms include locking units for locking, in rotation, the inlet end and the clamping arms. The locking units have stator relief portions co-operating with two anchor relief portions. An independent claim is also included for a pump device comprising a drive shaft.

Abstract (fr)

Pompe à cavités progressives comportant un stator (8) ayant une extrémité d'entrée (21) destinée à être accouplée à un carter de réception d'un fluide ; caractérisée en ce qu'elle comporte un élément d'ancrage (36) apte à fixer l'extrémité d'entrée (21) du stator sur un support fixe, et en ce que ladite extrémité d'entrée (21) et ledit élément d'ancrage (36) comportent des moyens de blocage mutuel en rotation.

IPC 8 full level

**F04C 2/107** (2006.01)

CPC (source: EP US)

**F04C 2/1075** (2013.01 - EP US)

Cited by

EP3882462A1; FR3108345A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME RS

DOCDB simple family (publication)

**EP 2278164 A2 20110126; EP 2278164 A3 20170517**; CN 101985941 A 20110316; FR 2948424 A1 20110128; FR 2948424 B1 20170721; JP 2011027108 A 20110210; US 2011020160 A1 20110127

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