

Title (en)

Canned motor pump

Title (de)

Spaltrohrmotorpumpe

Title (fr)

Pompe avec moteur à manchon d'entrefer

Publication

EP 2072827 A1 20090624 (DE)

Application

EP 07024384 A 20071217

Priority

EP 07024384 A 20071217

Abstract (en)

The unit has a pump housing (2) accommodating a pump rotor wheel (6), and a motor housing accommodating a stator. A rotor (5) is arranged in a can (4), and is connected with the pump rotor wheel in a driven manner. The can is attached to the pump housing independent of the motor housing, and is provided with a flange (9). The can is made of two molded parts, which are formed from a sheet. The molded parts comprise sections, which run and are arranged parallel to a cylindrical part of the can. The can is provided with a support for a locking body.

Abstract (de)

Das Kreiselumpenaggregat weist ein Pumpengehäuse (2), das ein Pumpenlaufrad (6) aufnimmt, und ein Motorgehäuse (1) mit einem Spaltrohr (4) auf, in dem ein mit dem Pumpenlaufrad (6) antriebsverbundener Rotor (5) angeordnet ist. Das Spaltrohr (4) ist unabhängig vom Motorgehäuse (1) am Pumpengehäuse (2) befestigt.

IPC 8 full level

F04D 13/06 (2006.01); **F04D 29/62** (2006.01); **F04D 29/66** (2006.01)

CPC (source: EP)

F04D 13/0626 (2013.01); **F04D 29/628** (2013.01); **F04D 29/669** (2013.01)

Citation (search report)

- [X] GB 984586 A 19650224 - FOSTORIA CORP
- [X] GB 1071266 A 19670607 - SIGMUND PULSOMETER PUMPS LTD
- [X] WO 0127477 A1 20010419 - KIM KIHU [KR]

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Designated contracting state (EPC)

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DOCDB simple family (publication)

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