

Title (en)

Moineau pump

Title (de)

Exzentrerschneckenpumpe

Title (fr)

Pompe Moineau

Publication

EP 0882891 B1 20030312 (DE)

Application

EP 98110070 A 19980603

Priority

DE 19727209 A 19970604

Abstract (en)

[origin: EP0882891A1] The pump has an electric motor driving an in-line helical pump rotor, through a flexible shaft connection, within a shaped elastic sleeve extending along the bore of the pump stator. The electric motor comprises a stator coil (3), rotor (4) and drive shaft (9) connecting the pump rotor (14) through a flexible connector (25). The pump rotor is shaped as an eccentric screw and rotates within an elastic sleeve (15) in contact with the pump stator (12) through a pair of one-turn helical ribs extending the entire length.

IPC 1-7

F04C 2/107; F04C 5/00

IPC 8 full level

F04C 2/107 (2006.01); **F04C 5/00** (2006.01)

CPC (source: EP)

F04C 2/1073 (2013.01); **F04C 5/00** (2013.01)

Cited by

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EP 0882891 A1 19981209; **EP 0882891 B1 20030312**; DE 19727209 A1 19981210; DE 59807432 D1 20030417

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