

Title (en)

Screw rotor pump

Title (de)

Schraubenspindelpumpe

Title (fr)

Pompe à rotors à vis

Publication

EP 0889240 B1 20030611 (DE)

Application

EP 98112452 A 19980706

Priority

DE 19728744 A 19970704

Abstract (en)

[origin: EP0889240A1] The helical auger pump has a casing supporting a drive spindle with a at least one running spindle. This has one end between a pin shaped support and an annular seal in a positionally fixed bearing recess. Between the running spindle (18) and the pump casing (10) is an aligning pin (26). The pin is mounted within the casing on a support ball (44). The synchronising pin (26) is sealed to the suction volume by seals.

IPC 1-7

F04C 15/00; F04C 2/16

IPC 8 full level

F04C 2/16 (2006.01); **F04C 15/00** (2006.01)

CPC (source: EP)

F04C 15/0042 (2013.01)

Cited by

DE102017121882B3; US2024084798A1; US10975864B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

DE 19728744 C1 19981126; DE 59808673 D1 20030717; EP 0889240 A1 19990107; EP 0889240 B1 20030611

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