

Title (en)

CENTRIFUGAL PUMP FOR PUMPING BLOOD AND OTHER SHEAR-SENSITIVE LIQUIDS

Title (de)

ZENTRIFUGALPUMPE ZUR FÖRDERUNG VON BLUT UND ANDEREN SCHEREMPFINDLICHEN FLÜSSIGKEITEN

Title (fr)

POMPE CENTRIFUGE POUR LE POMPAGE DU SANG ET D'AUTRES LIQUIDES SENSIBLES AU CISAILLEMENT

Publication

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Application

EP 97932638 A 19970723

Priority

- AT 9700173 W 19970723
- AT 135796 A 19960729

Abstract (en)

[origin: WO9804834A1] The invention concerns a centrifugal pump, consisting of a pump head and a drive, for pumping blood and other shear-sensitive liquids, such as dialytic suspensions containing cells in haemodialysis equipment. It is characterized by the drive (2) having a drive rotor (64) with a rotor disk (8) that are provided with permanent drive magnets (7); permanent magnets (33) located on the pump rotor (3) being allocated to these for magnetic coupling, and to the magnetizing coils (4) of a stator in the drive for generating the rotary motion; and the pump rotor shaft (61) extending into the pump intake (11) and being magnetically centered in the pump intake (11).

IPC 1-7

F04D 13/02; F04D 29/04

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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