

Title (en)
Magnetic drive pump

Title (de)
Magnetgetriebene Pumpe

Title (fr)
Pompe à entraînement magnétique

Publication
EP 1529960 A1 20050511 (EN)

Application
EP 04025541 A 20041027

Priority
JP 2003374486 A 20031104

Abstract (en)
A magnetic drive pump includes a pump chamber, an impeller rotatably supported in the pump chamber, and a drive mechanism for rotating the impeller, characterized in that the drive mechanism includes a magnetic member integrally attached to a drive member rotatably disposed at an outside of a partition wall for separating the pump chamber from the outside and an inductor member including a conductor material, integrally attached to the impeller, and rotated by a driving force corresponding to an induction current generated by rotation of the magnetic member.
<IMAGE>

IPC 1-7
F04D 13/02; F02B 67/08

IPC 8 full level
F04D 13/02 (2006.01)

CPC (source: EP US)
F04D 13/026 (2013.01 - EP US)

Citation (search report)

- [X] US 2002085933 A1 20020704 - FUKAMACHI MASATOSHI [JP], et al
- [X] US 2002056433 A1 20020516 - NABEYA SHIN [JP], et al
- [DX] PATENT ABSTRACTS OF JAPAN vol. 1998, no. 09 31 July 1998 (1998-07-31)

Cited by
DE102011006127A1; EP1840380A3; GB2467937A; GB2467937B

Designated contracting state (EPC)
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EP 04025541 A 20041027; CN 200420014193 U 20041103; JP 2003374486 A 20031104; US 96717804 A 20041019