

Title (en)
Electrically motorized pump for use in water

Title (de)
Wasserpumpe

Title (fr)
Pompe à eau

Publication
EP 1344942 A3 20040915 (EN)

Application
EP 03005714 A 20030313

Priority
JP 2002069357 A 20020313

Abstract (en)
[origin: EP1344942A2] An electrically motorized pump with a low energy loss owing to its use of a shaft and sleeve made from synthetic resin composition obtained by uniformly dispersing fine powder of RBC or CRBC in a resin. The typical process for the production of a synthetic resin composition for making the sleeve bearing for the pump for use in water includes kneading with a resin the fine powder of RBC or CRBC at a temperature in the neighbourhood of the melting point of the resin, and thereby uniformly dispersing the fine powder of RBC or CRBC in the resin.
<IMAGE>

IPC 1-7
F04D 29/04; **F04D 29/02**

IPC 8 full level
F04D 29/02 (2006.01); **F04D 29/04** (2006.01); **F04D 29/046** (2006.01); **F04D 29/047** (2006.01)

CPC (source: EP US)
F04D 29/026 (2013.01 - EP US); **F04D 29/0465** (2013.01 - EP US); **F04D 29/047** (2013.01 - EP US); **F05D 2300/44** (2013.01 - EP US)

Citation (search report)
• [A] US 4466932 A 19840821 - KOYAMA HIROAKI [JP], et al
• [A] US 5916499 A 19990629 - MURAYAMA JUNICHI [JP], et al
• [A] PATENT ABSTRACTS OF JAPAN vol. 1998, no. 06 30 April 1998 (1998-04-30)

Cited by
CN106930970A; CN106949069A; WO2020244590A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

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