

Title (en)
Magnetic pump drive

Title (de)
Magnetischer Pumpenantrieb

Title (fr)
Pompe à entraînement magnétique

Publication
EP 1777414 B1 20190522 (DE)

Application
EP 05023064 A 20051021

Priority
EP 05023064 A 20051021

Abstract (en)
[origin: EP1777414A1] The magnetic pump drive has a motor-driven driver (10) surrounding a rotor (8) each fitted with opposing magnets (12). A fluid medium such as a heat-conductive oil, fills out the interspace between the outer pot (15) and inner pot (11) surrounding the rotor. The interspace is sealed from the pump delivery medium. The outer pot and inner pot contact one another at least in the area of the cylindrical sleeve faces and a network path (17) forming the interspace is let into the contacting faces inside the contact zone.

IPC 8 full level
F04D 13/02 (2006.01)

CPC (source: EP)
F04D 13/025 (2013.01); **F04D 13/026** (2013.01)

Citation (examination)
EP 0286822 A2 19881019 - KLAUS UNION ARMATUREN [DE]

Citation (opposition)
Opponent : KSB SE & Co. KGaA,
• EP 0286822 B1 19910724
• EP 0268013 A2 19880525 - REINECKER HEYKO [DE]
• EP 0268015 A2 19880525 - REINECKER HEYKO [DE]

Cited by
DE102012019423B3; GB2503276A; GB2503276B; DE102012017322A1; WO2020212250A1; DE102019002797A1; CN117646727A; WO2014053290A1; DE202012006480U1; WO2014005564A1; US9617999B2

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

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