

Title (en)

Hydraulically driven membrane pump

Title (de)

Schlauchmembran-kolbenpumpe

Title (fr)

Pompe à membrane à actionnement hydraulique

Publication

EP 1520988 B1 20060118 (DE)

Application

EP 03022050 A 20031001

Priority

EP 03022050 A 20031001

Abstract (en)

[origin: EP1520988A1] The hose-membrane piston pump (1) comprises a housing (2) which is provided at least on the side opposite to the control disk (27) with a protruding support surface (28) for the membrane (3) when the latter is expanded beyond its normal limit during a suction stroke.

IPC 8 full level

F04B 43/107 (2006.01)

CPC (source: EP)

F04B 43/107 (2013.01)

Cited by

DE102010038225A1; BG1407U1; CN115817900A; RU2649176C1; DE102010038225B4; EP2531729A4; US9850889B2; US8152476B2; DE202010008298U1; WO2011094866A1; WO2012119597A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 1520988 A1 20050406; EP 1520988 B1 20060118; AT E316208 T1 20060215; DE 50302222 D1 20060406

DOCDB simple family (application)

EP 03022050 A 20031001; AT 03022050 T 20031001; DE 50302222 T 20031001