

Title (en)
ROTARY PUMP

Publication
EP 0437962 A3 19920115 (EN)

Application
EP 90314055 A 19901220

Priority
CS 18490 A 19900115

Abstract (en)
[origin: EP0437962A2] The pump comprises a housing (1,2,3) defining a cylindrical working chamber (10), a piston in the form of a substantially cylindrical body (6) whose height corresponds to that of the working chamber (10) and a piston collar (7) in the form of a flat oval disc situated on the cylindrical body (6) obliquely to its axis. A side groove (16) is provided in the housing walls and comprises a reciprocable partition (8). A suction duct (1) and a discharge duct (6) are situated at either side of said slide groove (16). <IMAGE>

IPC 1-7
F04C 2/356

IPC 8 full level
F04C 2/356 (2006.01)

CPC (source: EP)
F04C 2/3568 (2013.01)

Citation (search report)

- [Y] US 4093408 A 19780606 - YAMAGUCHI YOSHICHIKA
- [Y] US 2628566 A 19530217 - LEO BERNER, et al
- [A] GB 352526 A 19310706 - JOHN JAMES OWEN
- [Y] BE 471573 A
- [Y] GB 191117366 A 19120725 - PITTLER UNIVERSAL ROTARY MACHI [GB]

Cited by
KR100625207B1; DE4222429A1; KR100679667B1; CN111976471A; CN108087267A

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI NL SE

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