

Title (en)
Rotating piston machine

Title (de)
Drehkolbenmaschine

Title (fr)
Machine à piston rotatif

Publication
EP 1589225 A3 20060607 (DE)

Application
EP 05008677 A 20050420

Priority
DE 102004019373 A 20040421

Abstract (en)
[origin: EP1589225A2] Rotary piston machine comprises a rolling body (52) which freely rotates in a pocket fixed to a housing or piston and supported on the side lying opposite a shaft surface on a sliding rail which rotates coaxial to the piston axis over a rolling body bearing. Preferred Features: The rolling body bearing lies between the sliding rail and an annular disk which is axially sprung opposite an annular piston. The annular disk lies on a ring made from an elastic material.

IPC 8 full level
F04C 9/00 (2006.01); **F04B 7/00** (2006.01); **F04B 7/06** (2006.01)

CPC (source: EP)
F04B 7/06 (2013.01); **F04C 9/007** (2013.01); **F04C 2240/50** (2013.01)

Citation (search report)

- [AD] DE 10156835 C1 20030430 - SCHNABL PETER [DE]
- [A] DE 10122355 A1 20021114 - SCHNABL PETER [DE]
- [A] DE 19953168 A1 20010510 - SCHNABL PETER [DE]

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 MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
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