

Title (en)

Fluid acted device

Title (de)

Fluidgerät, insbesondere fluidbetätigter Antrieb

Title (fr)

Dispositif entraîné par un fluide

Publication

**EP 1729015 A1 20061206 (DE)**

Application

**EP 05011977 A 20050603**

Priority

EP 05011977 A 20050603

Abstract (en)

Means of absorption (16) include plunger (18) pre-tensioned by a return force in the direction of a working piston (3). The plunger is interspersed by a drain channel (12b). If the working piston strikes the plunger during its lifting motion (43), it seals the drain channel's opening (27) on the front side of the plunger.

IPC 8 full level

**F15B 15/22** (2006.01)

CPC (source: EP)

**F15B 15/225** (2013.01)

Citation (applicant)

- DE 3920293 C2 19921029
- EP 1447571 A1 20040818 - REXROTH MECMAN GMBH [DE]
- DE 10158123 A1 20030612 - REXROTH MECMAN GMBH [DE]
- EP 0318671 B1 19940302 - FESTO KG [DE]

Citation (search report)

- [X] US 5784947 A 19980728 - BAYNE JIMMY O [US], et al
- [A] US 2332520 A 19431026 - LUCHT VICTOR F
- [A] DE 3644662 A1 19880714 - GOELLNER JOSEF [DE]
- [A] US 4700611 A 19871020 - KANEKO JUNYA [JP]
- [AD] DE 3920293 C2 19921029
- [AD] EP 1447571 A1 20040818 - REXROTH MECMAN GMBH [DE]
- [AD] DE 10158123 A1 20030612 - REXROTH MECMAN GMBH [DE]

Cited by

CN115163603A; EP2142738A4; AU2008236987B2; US8528459B2

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

Designated extension state (EPC)

AL BA HR LV MK YU

DOCDB simple family (publication)

**EP 1729015 A1 20061206**

DOCDB simple family (application)

**EP 05011977 A 20050603**