

Title (en)
Rotary and linear actuating device

Title (de)
Dreh-Hub-Vorrichtung

Title (fr)
Vérin à mouvement de translation et de rotation

Publication
EP 0735276 B1 19981223 (DE)

Application
EP 96102330 A 19960216

Priority
DE 29505315 U 19950329

Abstract (en)
[origin: EP0735276A1] The double-acting hydraulic linear motor (1) has an outer cylinder (4) provided with an inlet conduit (5), an outflow conduit (6), a left bore (7), a right bore (8) and a slot (3). It has a piston connecting rod (16) which has a hollow space (48), and a driven pin (49). A piston connecting rod guide (12) has a seat (18) in which a seal (19) is fitted, and is provided with a piston connecting rod ring (13), seals (14), and scraper (15) and a thread (17). A piston (20) is provided with piston guide rings (21), a piston seal (22), a spring (23) and shaft securing rings (27). A sealing bush (28) is provided with a seal (29) and a screwing arrangement (30).

IPC 1-7
F15B 15/06

IPC 8 full level
F15B 15/06 (2006.01)

CPC (source: EP)
F15B 15/06 (2013.01); **F15B 15/063** (2013.01)

Cited by
EP1020396A3; CN115464360A; DE19904942A1; EP1026408A3; DE19904942B4; EP1026408A2; US7622833B2; WO2006018390A1

Designated contracting state (EPC)
AT DE FR GB IT NL

DOCDB simple family (publication)
EP 0735276 A1 19961002; EP 0735276 B1 19981223; AT E175007 T1 19990115; DE 29505315 U1 19950601; DE 59601025 D1 19990204

DOCDB simple family (application)
EP 96102330 A 19960216; AT 96102330 T 19960216; DE 29505315 U 19950329; DE 59601025 T 19960216