

Title (en)
Fluid cylinder assembly

Title (de)
Fluidzylinder-Anordnung

Title (fr)
Dispositif de vérin

Publication
EP 1843048 A3 20080709 (DE)

Application
EP 07006623 A 20070330

Priority
AT 6082006 A 20060407

Abstract (en)
[origin: EP1843048A2] The cylinder has a piston surface and a cylinder wall defining a working chamber (10). A cylinder bottom (7) with an opening (14) forms another working chamber (20) in a piston arrangement (5). The chambers are in fluid connection with respective line connectors over a piston pipe (16). An end section (17) of the pipe is guided through the former chamber and is protruded through the opening. The latter chamber is sealed against the former chamber through the piston pipe or through a piston pipe arrangement, which is arranged between the pipe and the arrangement (5).

IPC 8 full level
F15B 15/26 (2006.01); **F15B 15/14** (2006.01)

CPC (source: EP)
F15B 11/003 (2013.01); **F15B 15/1466** (2013.01); **F15B 15/26** (2013.01); **F15B 2211/50545** (2013.01)

Citation (search report)
• [X] DE 4405938 A1 19950831 - MOELLER WERNER PROF DR ING [DE]
• [X] US 2004159514 A1 20040819 - DERNEBO LARS [SE]
• [X] US 5090296 A 19920225 - TODD WILLIAM H [US]
• [X] DE 19543876 A1 19970528 - REXROTH MANNESMANN GMBH [DE]
• [X] US 3858485 A 19750107 - ROSAEN BORJE O, et al

Cited by
CN103357671A; AU2013200736B2; CN108999836A; WO2015117240A1; US10246951B2; US10519725B2; US9435359B2

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 LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
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