

Title (en)
Fluid-actuated rotary drive

Title (de)
Fluidbetätigte Drehantriebsvorrichtung

Title (fr)
Vérin rotatif

Publication
EP 1980756 A3 20091028 (DE)

Application
EP 08006852 A 20080404

Priority
DE 102007017418 A 20070413

Abstract (en)
[origin: EP1980756A2] The fluid-operated rotary drive (1) has a rack chamber (28) carrying a rack (16) and extending from a drive piston (25) as far as a rear wall and continuously connected to atmosphere. A drive part in the rack chamber carries a fluidic shock damper (38) separated in sealed manner from the actuating chamber by the drive piston and that cooperates with a stop surface on the rear wall to brake the working movement.

IPC 8 full level
F15B 15/08 (2006.01); **F15B 15/22** (2006.01)

CPC (source: EP)
F15B 15/065 (2013.01); **F15B 15/227** (2013.01); **F15B 15/24** (2013.01)

Citation (search report)

- [X] DE 19519939 C1 19960829 - SOMMER AUTOMATIC GMBH [DE]
- [X] DE 10317280 A1 20041104 - SCHUNK GMBH & CO KG [DE]
- [XD] DE 3306480 A1 19840830 - KIRST RUDI
- [Y] US 2975767 A 19610321 - LIGGETT WILLIAM H, et al
- [Y] FR 1341239 A 19631025 - MATHEWS ENGINEERING COMPANY LT

Cited by
EP2698547A3; DE202015102250U1; WO2010100284A1; WO2016055397A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
EP 1980756 A2 20081015; EP 1980756 A3 20091028; EP 1980756 B1 20130424; DE 102007017418 A1 20081016;
DE 102007017418 B4 20100401

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EP 08006852 A 20080404; DE 102007017418 A 20070413