

Title (en)
Fluid operated rotary actuator.

Title (de)
Druckmittelbetriebener Drehkolben.

Title (fr)
Vérin rotatif actionné par fluide.

Publication
EP 0386598 A1 19900912 (EN)

Application
EP 90103845 A 19900228

Priority
IT 1966289 A 19890306

Abstract (en)
A rotary actuator operated by a pressure fluid; the actuator comprises an annular chamber (11) in which a piston member (12) reciprocates, said piston member (12) being operatively connected to an external power-transmission member (17) through an annular slit (21) provided with a flexible sealing strip (25). The power transmission member (17) is rotatably supported coaxially to the annular chamber (11) and is loosely connected to the piston member (12).

IPC 1-7
F15B 15/08

IPC 8 full level
F15B 15/08 (2006.01); **F15B 15/12** (2006.01); **F15B 15/14** (2006.01)

CPC (source: EP)
F15B 15/082 (2013.01); **F15B 15/12** (2013.01)

Citation (search report)

- [X] DE 8710450 U1 19870917
- [A] DE 2943505 A1 19810507 - SCHLAFHORST & CO W [DE]
- [A] US 2864341 A 19581216 - NOVAK WARREN D
- [A] DE 707679 C 19410630 - FRANCESCO MERZ

Cited by
GB2312248A; US7243594B2; GB2438341A; GB2438341B; WO2006096417A3

Designated contracting state (EPC)
CH DE ES FR GB LI NL SE

DOCDB simple family (publication)
EP 0386598 A1 19900912; CA 2011459 A1 19900906; IT 1228969 B 19910711; IT 8919662 A0 19890306; JP H0328506 A 19910206

DOCDB simple family (application)
EP 90103845 A 19900228; CA 2011459 A 19900305; IT 1966289 A 19890306; JP 5481190 A 19900306