

Title (en)
Fluid-powered rotary actuator

Title (de)
Fluidbetätigter Drehantrieb

Title (fr)
Actionneur rotatif entraîné par fluide

Publication
EP 0798472 B1 20010829 (DE)

Application
EP 97103201 A 19970227

Priority
DE 29605723 U 19960328

Abstract (en)
[origin: US5732613A] A fluid operated rotary drive, which possesses a drive means having an output drive shaft able to be driven for oscillating motion. On one axial side of the drive means a position detection means is arranged, which possesses an actuating member connected with the output drive shaft and which on rotary motion of the output drive shaft performs an oscillating movement about a pivot axis. The actuating member cooperates with sensors, which may be set on holders. Each holder is arranged on its own setting ring, such setting rings being arranged coaxially in relation to each other with the holders extending away from the drive means. The setting rings are able to be turned in relation to one another and furthermore in relation to the housing for setting the positions to be detected and may be fixed in the settings made.

IPC 1-7
F15B 15/28; **F15B 15/12**

IPC 8 full level
F15B 15/12 (2006.01); **F15B 15/28** (2006.01)

CPC (source: EP KR US)
F15B 15/12 (2013.01 - EP US); **F15B 15/28** (2013.01 - KR); **F15B 15/2892** (2013.01 - EP US)

Cited by
DE102013012774A1; US2023119452A1; US11959498B2; DE102013012774B4

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

DOCDB simple family (publication)
DE 29605723 U1 19960530; DE 59704411 D1 20011004; EP 0798472 A1 19971001; EP 0798472 B1 20010829; KR 100225675 B1 19991201; KR 970066115 A 19971013; US 5732613 A 19980331

DOCDB simple family (application)
DE 29605723 U 19960328; DE 59704411 T 19970227; EP 97103201 A 19970227; KR 19970010958 A 19970327; US 82349797 A 19970325