

Title (en)
Fluid operated rotary actuator

Title (de)
Fluidbetätigter Drehantrieb

Title (fr)
Actionneur rotatif actionné par fluide

Publication
EP 0774586 A3 19980805 (DE)

Application
EP 96116969 A 19961023

Priority
DE 29518346 U 19951118

Abstract (en)
[origin: EP0774586A2] The fluid drive system, with a drive shaft to be rotated in a housing (1), has a control section (14) projecting from the housing and rotating with the shaft. The control section works with a position register (23) to detect the rotary angle position of the drive take-off shaft (3) at given settings. A base body (32), bonded to the housing, has a rotating body (35) with a coupling section (52) with profiling round the periphery. A second coupling section (53) is at the control, coaxial to the first coupling, also with peripheral profiling. The two coupling sections are coupled (51) together by a unit with at least partial elasticity to compensate for any alignment errors between the couplings between their longitudinal axes. The coupling connection can be wholly of a material with rubber characteristics.

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

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

CPC (source: EP)
F15B 15/12 (2013.01); **F15B 15/2853** (2013.01)

Citation (search report)

- [A] DE 8534308 U1 19890223
- [A] WO 8103679 A1 19811224 - FOXWELL W
- [DA] DE 3941255 A1 19910620 - FESTO KG [DE]

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WO2008110228A1; DE102007012398A1; WO2015031587A1; US9897114B2; US10359061B2; US10072773B2; US11047506B2

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

DOCDB simple family (publication)
DE 29518346 U1 19960118; DE 59606421 D1 20010315; EP 0774586 A2 19970521; EP 0774586 A3 19980805; EP 0774586 B1 20010207; ES 2153929 T3 20010316

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