

Title (en)
Fluid operated rotary actuator

Title (de)
Fluidbetätigter Drehantrieb

Title (fr)
Actionneur rotatif actionné par fluide

Publication
EP 0774586 B1 20010207 (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 (examination)

- DE 4105703 C2 19930325
- DE 9016232 U1 19910321
- DE 3943716 C2 19950105 - FESTO KG [DE]
- US 4196691 A 19800408 - IMAZEKI KAZUYOSHI [JP]
- JP H04580525 A

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

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