

Title (en)
Fluid actuator

Title (de)
Fluidischer Antrieb

Title (fr)
Actionneur à fluide

Publication
EP 1519055 A3 20051026 (DE)

Application
EP 04021291 A 20040908

Priority
DE 10345587 A 20030929

Abstract (en)
[origin: EP1519055A2] The fluid drive between two relatively movable components has at least one hydraulic or pneumatic drive element consisting of a hollow component (1) which is formed at least partially like a bellows. Stretch resistant ring elements (4) encompass the hollow component in each individual fold, and the stretch resistant ring on at least one side of the hollow component is connected via an extension resistant connection to at least one of the two force action sections (3) of the drive element. An independent claim is included for an articulated drive incorporating the proposed fluid drive for two components interconnected by a joint.

IPC 1-7
F15B 15/10

IPC 8 full level
F15B 15/10 (2006.01)

CPC (source: EP US)
F15B 15/103 (2013.01 - EP US)

Citation (search report)

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- [AY] US 3981528 A 19760921 - ANDORF PAUL, et al
- [AY] DE 10149395 A1 20030424 - FESTO AG & CO [DE]
- [A] US 3645173 A 19720229 - YARIOTT JOHN M
- [A] PATENT ABSTRACTS OF JAPAN vol. 013, no. 014 (M - 784) 13 January 1989 (1989-01-13)

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DE102013006166A1; CN106256076A; US2023088911A1; US11732735B2; WO2008083711A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
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