

Title (en)

Fluid-operated, programmable, linear actuator.

Title (de)

Flüssigkeitsstellantrieb mit Programmsteuerung.

Title (fr)

Vérin linéaire à fluide, commandé par un programme.

Publication

EP 0469253 A1 19920205 (EN)

Application

EP 91107470 A 19910508

Priority

IT 2111990 A 19900730

Abstract (en)

A fluid operated actuator comprising a cylinder (10) a piston (17) reciprocable in said cylinder (10) a screw shaft (19) rotatably supported in the cylinder (10), said screw shaft (19) axially extending through and being threadly engaged by said piston (17) for rotation during relative axial movement between said piston (17) and said cylinder (10); a centrifugally controlled and fluid actuated braking device (31, 32; 38) is provided for retaining said screw shaft (19) from rotation to lock the relative movement between the piston (17) and the cylinder (10) of the actuator. <IMAGE>

IPC 1-7

F15B 15/26

IPC 8 full level

F15B 15/26 (2006.01); **F15B 15/14** (2006.01)

CPC (source: EP)

F15B 15/264 (2013.01); **F15B 2015/1495** (2013.01)

Citation (search report)

- [AD] DE 2034826 A1 19710204
- [A] US 2879746 A 19590331 - GEYER HOWARD M, et al
- [AD] US 2804053 A 19570827 - GEYER HOWARD M
- [AD] US 2801615 A 19570806 - GEYER HOWARD M
- [AD] GB 2154282 A 19850904 - H C H MANUFACTURING LTD
- [AD] GB 683633 A 19521203 - GEN MOTORS CORP

Cited by

DE102019103916A1; EP3842334A1; DE102019103917A1; EP0648942A1; CN110925267A; CN109578371A; EP1777432A1; EP0562462A1; US11187023B2; US7836813B2

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