

Title (en)

Fluid pressure actuator with end of stroke locking means

Title (de)

Fluidbetätigter Arbeitszylinder mit Endlagenverriegelung

Title (fr)

Vérin avec verrouillage de fin de course

Publication

**EP 1788257 B1 20120321 (DE)**

Application

**EP 06021249 A 20061010**

Priority

DE 202005018038 U 20051118

Abstract (en)

[origin: EP1788257A2] The fluid actuating cylinder has a housing (2) with a piston (6) forming two working chambers (12a,b). An end position lock (42) has a locking slide (44) movable between positions engaging and releasing the piston-rod assembly (13). The slide is sprung (58) into the locking position, and released during damping movement of the piston by fluid pressure. The pressure can be provided by a branch off the working fluid volume.

IPC 8 full level

**F15B 15/22** (2006.01); **F15B 15/26** (2006.01)

CPC (source: EP)

**F15B 15/223** (2013.01); **F15B 15/261** (2013.01)

Citation (examination)

- US 4524676 A 19850625 - ROGERS LARRY K [US]
- US 3889576 A 19750617 - SHEFFER HARVEY I, et al

Cited by

DE102015214895A1; NO20180431A1; CN102367821A; CN103899595A; CN105102828A; CN105402203A; WO2022204011A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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