

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)
DE FR GB IT

DOCDB simple family (publication)
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