

Title (en)

Pressure cylinder with variable stroke

Title (de)

Druckmittelzylinder mit verstellbarem Hub

Title (fr)

Vérin à pression à course réglable

Publication

EP 1541875 A3 20060222 (DE)

Application

EP 04106425 A 20041209

Priority

DE 10357555 A 20031210

Abstract (en)

[origin: EP1541875A2] The cylinder has a housing section with piston and rod, and a stroke adjusting section (2) into which the piston rod projects with a stop. This acts with a locking pressure medium cylinder (4a,b) for stroke limitation. This cylinder has a piston rod (11) with angled end, and this interacts with radial slots (12) in the stroke adjusting section. The slots are at relative axial distances, so that stroke length at intervals of min. 2mm can be adjusted. Cylinder housing section and stroke adjusting section are formed as an integral extruded profile. The pressure medium cylinder is part of a transport device for bulk goods.

IPC 8 full level

F15B 15/24 (2006.01); **F15B 15/26** (2006.01)

CPC (source: EP)

F15B 15/24 (2013.01); **F15B 15/261** (2013.01)

Citation (search report)

- [A] US 4699042 A 19871013 - STOLL KURT [DE]
- [A] GB 598604 A 19480223 - OLAER PATENT CO, et al
- [A] US 4155433 A 19790522 - PORTER CLYDE R [US]
- [A] US 3177976 A 19650413 - WENZEL PHILIP D

Cited by

CN106050793A; EP1614908A3

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1541875 A2 20050615; **EP 1541875 A3 20060222**; DE 10357555 A1 20050714; DE 10357555 B4 20070524

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