

Title (en)
Linear positioning drive

Title (de)
Linearverstellantrieb

Title (fr)
Actionneur de positionnement linéaire

Publication
EP 1106841 A3 20030924 (DE)

Application
EP 00126738 A 20001206

Priority
AT 84699 U 19991207

Abstract (en)
[origin: EP1106841A2] The drive has a double-action cylinder-piston unit with a pressure chamber formed by a cylinder casing, an annular piston, a rotatable threaded spindle in a bearing and a spindle rotation blocking element. The spindle bearing is mounted in an end housing. The piston internal thread is engaged by the spindle. A blocking piston subject to a pressurized medium in an end housing bore has a protrusion for engaging the spindle or a blocking sleeve. The drive has a double-action cylinder-piston unit with a pressure chamber formed by a cylinder casing and an annular piston (19), whose piston rod fits concentrically into a rotatably mounted threaded spindle (28) in a bearing (36) and engages its thread, and a spindle rotation blocking element. The spindle bearing is mounted in an end housing (9) and the piston has an internal thread engaged by the spindle. A blocking piston (37) subject to a pressurized medium is arranged in a bore in the end housing and has a blocking protrusion (38) for engagement with the spindle or a connected blocking sleeve (33).

IPC 1-7
F15B 15/26

IPC 8 full level
F15B 15/26 (2006.01)

CPC (source: EP)
F15B 15/261 (2013.01); **F15B 15/264** (2013.01)

Citation (search report)

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