

Title (en)
SLIDING PISTON DRIVE

Publication
EP 0133241 B1 19870909 (DE)

Application
EP 84108471 A 19840718

Priority
CH 403283 A 19830722

Abstract (en)
[origin: EP0133241A1] 1. Sliding piston drive with a single-acting hydraulic cylinder (1) including a piston (8) tightly guided in the cylinder (1) with a piston rod (2), characterized in that at least one coaxial or parallel-axial guide bar (19, 31) is assigned to the piston rod (2) and serves as guide on the inner or outer surface of the piston rod (2) and is connected by means of mounting supports (21) to braces (22) outside the sliding piston drive and is not exposed to the bending load occurring in said drive, and that a duct is provided for the spaced mounting supports (21), if the guide bar (19) is on the inside, and if the guide bar (31) is on the outside, said bar (31) has a longitudinal slot (17 or 33).

IPC 1-7
B66B 9/04; **F15B 15/08**

IPC 8 full level
B66B 9/04 (2006.01); **B66F 3/24** (2006.01)

CPC (source: EP)
B66B 9/04 (2013.01); **B66F 3/24** (2013.01)

Cited by
EP3436388A4; AU574546B2; EP0254840A3

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DOCDB simple family (publication)
EP 0133241 A1 19850220; **EP 0133241 B1 19870909**; DE 3465968 D1 19871015

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