

Title (en)
Rodless power cylinder

Title (de)
Kolbenstangenloser Arbeitszylinder

Title (fr)
Vérin de travail sans tige

Publication
EP 0602417 B1 19970604 (DE)

Application
EP 93118855 A 19931124

Priority
DE 4242971 A 19921218

Abstract (en)
[origin: EP0602417A1] The rodless power cylinder has a housing (10) in which a guide slides to which a power take-off (11) is fastened. In the power take-off, a brake device (14) is arranged in lateral housing parts (12, 13). The brake device (14) has pressurised pistons (15 to 18) which interact with a common, roughly rectangular pressure plate (23) and can press the latter against the outsides of the housing (10) of the power cylinder for the purpose of braking and securing the power take-off. In this way, a uniform contact pressure is obtained, which can also be introduced eccentrically. <IMAGE>

IPC 1-7
F15B 15/08

IPC 8 full level
F15B 15/08 (2006.01); **F15B 15/26** (2006.01)

CPC (source: EP)
F15B 15/082 (2013.01); **F15B 15/262** (2013.01); **F15B 15/265** (2013.01)

Cited by
EP0771953A3; US5619899A

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
EP 0602417 A1 19940622; EP 0602417 B1 19970604; DE 4242971 A1 19940623; DE 59306662 D1 19970710

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