

Title (en)
Fluid pressure actuator

Title (de)
Druckmittelbetätigbarer Arbeitszylinder

Title (fr)
Vérin à fluide sous pression

Publication
EP 0812991 A3 19980722 (DE)

Application
EP 97100210 A 19970109

Priority
DE 19623757 A 19960614

Abstract (en)
[origin: EP0812991A2] The cylinder (10) has an axially movable piston in its inner space which is connected with a connecting rod penetrating the cover (12). On the outsides of the work cylinder are axially running longitudinal grooves for fixture of signal indicators. The longitudinal grooves extend over the cylinder bush also into the cover and base (13). The work cylinder on its outer periphery on the connecting side has a long groove (26). This long groove on the one hand and connecting holes (27,28) in the cover and base on the other hand are arranged off centre relatively to the symmetry axis of the outer contour of the profile tube and on opposite sides.

IPC 1-7
F15B 15/14

IPC 8 full level
F15B 15/14 (2006.01); **F15B 15/28** (2006.01)

CPC (source: EP)
F15B 15/2892 (2013.01)

Citation (search report)

- [DA] EP 0692639 A1 19960117 - UNIVER SPA [IT]
- [A] DE 9309589 U1 19940224 - ROEMHELD A GMBH & CO KG [DE]
- [A] DE 4438164 A1 19960502 - FESTO KG [DE]
- [A] GB 2020746 A 19791121 - PARISIENNE OUTILLAGE
- [A] US 5103172 A 19920407 - STOLL KURT [DE]

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
EP 0812991 A2 19971217; EP 0812991 A3 19980722; EP 0812991 B1 20011010; DE 19623757 A1 19971218; DE 59704837 D1 20011115

DOCDB simple family (application)
EP 97100210 A 19970109; DE 19623757 A 19960614; DE 59704837 T 19970109