

Title (en)
Power cylinder

Title (de)
Arbeitszylinder

Title (fr)
Cylindre de travail

Publication
EP 0695879 B1 20000607 (DE)

Application
EP 95102202 A 19950217

Priority
DE 9412435 U 19940802

Abstract (en)
[origin: EP0695879A1] The piston rod (8) has a flat section (17) extending in the axial direction with a longitudinal groove in which a magnetic strip (22) can be sensed by a stationary detector (18). The strip is divided lengthwise into a number of zones magnetised alternately in opposite directions. The strip is covered by a layer (33) of magnetically permeable material which guarantees an optimal seal between the piston rod and the cylinder end (6) as well as protecting the magnetic strip from damage.

IPC 1-7
F15B 15/28

IPC 8 full level
F15B 15/28 (2006.01)

CPC (source: EP KR US)
F15B 15/28 (2013.01 - KR); **F15B 15/2846** (2013.01 - EP US); **F15B 15/2861** (2013.01 - EP US)

Cited by
DE102013205216A1; EP1571421A1; DE102006007594A1; EP1821072A3; US8967035B2; EP1821072A2; EP1217221A2; WO2019033230A1

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
DE 9412435 U1 19940929; BR 9503521 A 19960528; DE 59508445 D1 20000713; EP 0695879 A1 19960207; EP 0695879 B1 20000607; KR 100194164 B1 19990615; KR 960008085 A 19960322; US 5568760 A 19961029

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DE 9412435 U 19940802; BR 9503521 A 19950801; DE 59508445 T 19950217; EP 95102202 A 19950217; KR 19950006960 A 19950330; US 43140695 A 19950428