

Title (en)

Limit switch for pneumatic or hydraulic power cylinder with end-position locking

Title (de)

Endlagengeber für pneumatisch oder hydraulisch wirkende Arbeitszylinder mit Endlagenverriegelung

Title (fr)

Détecteur de position de limite pour un vérin pneumatique ou hydraulique avec un verrouillage dans la position de limite

Publication

EP 1103728 A3 20031015 (DE)

Application

EP 00111722 A 20000602

Priority

DE 29920657 U 19991124

Abstract (en)

[origin: EP1103728A2] Fitted in a motion locking part (4) and/or a bottom locking part, an electrically insulated contact pin (17) opposite to a working cylinder is designed as a closer in contact with a locking piston (7) in a modular unit (6) for locking end of travel.

IPC 1-7

F15B 15/28; **F15B 15/26**

IPC 8 full level

F15B 15/26 (2006.01); **F15B 15/28** (2006.01)

CPC (source: EP)

F15B 15/261 (2013.01); **F15B 15/2807** (2013.01); **F15B 15/2892** (2013.01)

Citation (search report)

- [A] US 3177780 A 19650413 - ANDERSEN ROGER K, et al
- [A] US 4140045 A 19790220 - HARDWICK C THOMAS, et al
- [AD] DE 3302255 A1 19840726 - PLEIGER MASCHF PAUL [DE]
- [AD] DE 29809717 U1 19980820 - BUEMACH ENGINEERING INTERNATIO [NL]
- [AD] DE 2916500 A1 19801106 - BOSCH GMBH ROBERT

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 1103728 A2 20010530; **EP 1103728 A3 20031015**; **EP 1103728 B1 20050817**; AT E302347 T1 20050915; DE 29920657 U1 20000224; DE 50010966 D1 20050922

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