

Title (en)
Piston-cylinder-unit

Title (de)
Kolben-Zylinder-Einheit

Title (fr)
Unité de cylindre-piston

Publication
EP 1857686 A3 20080604 (DE)

Application
EP 07006126 A 20070324

Priority
DE 102006023318 A 20060518

Abstract (en)
[origin: EP1857686A2] The unit (1) has a piston arranged at a piston rod (14) and movable inside a housing (2) along an exhausting direction (20). The piston divides a chamber into two partial housing chambers, which are turned towards respective housing ends. A fluid supply (26) discharges into one of the chambers for supplying the fluid into a housing chamber (6). A locking unit (30) is provided to automatically lock the unit (1), where the locking unit has a connecting unit (31) arranged at the rod and another connecting unit (32) working together with the unit (31).

IPC 8 full level
F15B 15/26 (2006.01)

CPC (source: EP)
F15B 15/261 (2013.01)

Citation (search report)

- [X] DE 7229751 U 19721109
- [X] DE 3831459 A1 19900329 - BAYERISCHE MOTOREN WERKE AG [DE]
- [X] US 3643765 A 19720222 - HANCHEN SIEGFRIED
- [X] US 6178870 B1 20010130 - TAKAHASHI HIDEHITO [JP]
- [X] US 2005150730 A1 20050714 - HUBER HOWARD E JR [US], et al

Cited by
CN103291915A; EP3825558A1; US2020271139A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
EP 1857686 A2 20071121; EP 1857686 A3 20080604; DE 102006023318 A1 20071122

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EP 07006126 A 20070324; DE 102006023318 A 20060518