

Title (en)
Lock cylinder

Title (de)
Verriegelungszyylinder

Title (fr)
Cylindre de verrouillage

Publication
EP 1541876 A3 20050810 (DE)

Application
EP 04025022 A 20041021

Priority
DE 10356597 A 20031204

Abstract (en)
[origin: EP1541876A2] The locking cylinder unit (20) includes a cylinder (21) and a piston (22), engaged with a spindle (35) by a non-self-locking thread (37). The spindle has at least one locking recess (38) containing a sprung locking body for locking bolts to engage in them. Several locking bodies are made in the form of separate movable locking bolts.

IPC 1-7
F15B 15/26

IPC 8 full level
F15B 15/26 (2006.01); **F15B 15/14** (2006.01)

CPC (source: EP)
F15B 15/261 (2013.01); **F15B 2015/1495** (2013.01)

Citation (search report)

- [XY] US 3104593 A 19630924 - CLIFTON JOHN R, et al
- [Y] FR 2534985 A3 19840427 - MESSERSCHMITT BOELKOW BLOHM [DE]
- [Y] EP 1106841 A2 20010613 - WEBER HYDRAULIK GMBH [AT]
- [A] US 2002051692 A1 20020502 - COTTRELL D MICHAEL [US]
- [DA] PATENT ABSTRACTS OF JAPAN vol. 1997, no. 03 31 March 1997 (1997-03-31)

Cited by
EP1995471A2

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

DOCDB simple family (publication)
EP 1541876 A2 20050615; EP 1541876 A3 20050810; EP 1541876 B1 20070207; AT E353405 T1 20070215; DE 10356597 B3 20050602; DE 502004002849 D1 20070322; ES 2282777 T3 20071016; PL 1541876 T3 20070629

DOCDB simple family (application)
EP 04025022 A 20041021; AT 04025022 T 20041021; DE 10356597 A 20031204; DE 502004002849 T 20041021; ES 04025022 T 20041021; PL 04025022 T 20041021