

Title (en)  
Locking cylinder

Title (de)  
Verriegelungszyylinder

Title (fr)  
Vérin verrouillable

Publication  
**EP 1538343 B1 20070207 (DE)**

Application  
**EP 04025023 A 20041021**

Priority  
DE 10356596 A 20031204

Abstract (en)  
[origin: EP1538343A2] The locking cylinder (20) has two load-holding descent brake devices (150.1, 150.2) in fluid connection with two working chambers (45, 33), so that when the first side (46) of the piston (22) is put under pressure, the piston is displaced in one direction. When it is subject to a counter-pressure lower than the working pressure, this acts on the other side (44) of the piston, displacing it in the opposite direction.

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

CPC (source: EP)  
**F15B 15/261** (2013.01); **F15B 15/264** (2013.01); **F15B 2015/1495** (2013.01)

Cited by  
DE102006030617B4; EP1803943A3; EP1803943A2; 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 1538343 A2 20050608; EP 1538343 A3 20050810; EP 1538343 B1 20070207**; AT E353404 T1 20070215; DE 10356596 B3 20050602; DE 502004002847 D1 20070322; ES 2282778 T3 20071016; PL 1538343 T3 20070731

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**EP 04025023 A 20041021**; AT 04025023 T 20041021; DE 10356596 A 20031204; DE 502004002847 T 20041021; ES 04025023 T 20041021; PL 04025023 T 20041021