

Title (en)  
Double cylinder lock

Title (de)  
Doppel-Schliesszylinder

Title (fr)  
Serrure cylindrique double

Publication  
**EP 1447499 B1 20100519 (DE)**

Application  
**EP 04002295 A 20040203**

Priority  
DE 10304152 A 20030203

Abstract (en)  
[origin: EP1447499A2] Lock cylinder, especially a double lock cylinder (1), comprises a lock element (27) arranged coaxially between two cylinder cores (9, 10), and a coupling (14) consisting of two coupling elements (16, 17), each having a spring element (18, 19) for rotating connection of the cylinder cores and lock element. A pressure spring (15) arranged between the two coupling elements has a lower spring force than the spring force of the spring elements. Independent claims are also included for alternative lock cylinders. Preferred Features: When no key is inserted, the coupling elements are arranged a distance apart by the pressure spring so that the lock element can freely rotate.

IPC 8 full level  
**E05B 9/10** (2006.01); **E05B 9/04** (2006.01); **E05B 15/04** (2006.01); **E05B 27/00** (2006.01)

CPC (source: EP)  
**E05B 9/045** (2013.01); **E05B 9/105** (2013.01); **E05B 27/00** (2013.01); **E05B 27/0042** (2013.01); **E05B 2015/0475** (2013.01)

Cited by  
CN102877695A; CN1111155840A; CZ302896B6; CN102444323A; CN103883163A; DE102008030704B4; DE102008030704A1;  
WO2014124620A1; WO2015142198A1

Designated contracting state (EPC)  
AT CH DE LI

DOCDB simple family (publication)  
**EP 1447499 A2 20040818; EP 1447499 A3 20080416; EP 1447499 B1 20100519**; AT E468456 T1 20100615; DE 10304152 A1 20041007;  
DE 10304152 B4 20060413; DE 502004011165 D1 20100701

DOCDB simple family (application)  
**EP 04002295 A 20040203**; AT 04002295 T 20040203; DE 10304152 A 20030203; DE 502004011165 T 20040203