

Title (en)
CLOSING CYLINDER, ESPECIALLY FOR VEHICLES

Title (de)
SCHLIESSZYLINDER, INSBESONDERE FÜR FAHRZEUGE

Title (fr)
BARILLET DE SERRURE, NOTAMMENT POUR VEHICULE

Publication
EP 1117885 A1 20010725 (DE)

Application
EP 99969931 A 19990903

Priority
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• EP 9906496 W 19990903

Abstract (en)
[origin: DE19844593C1] The lock cylinder for a motor vehicle has a core (10) with a radial cut out, for a spring (50), connected via a radial slit (54) with the rotary disc (30) receiving axial bore (11) of the cylinder (10). The spring has a radially inwardly extending shank (29) extending from the slit and a radial shoulder (36) engaging the radial disc (30).

IPC 1-7
E05B 29/00

IPC 8 full level
E05B 29/00 (2006.01); **E05B 21/06** (2006.01); **E05B 29/08** (2006.01); **E05B 17/18** (2006.01)

CPC (source: EP KR US)
E05B 21/066 (2013.01 - EP US); **E05B 29/00** (2013.01 - KR); **E05B 17/181** (2013.01 - EP US); **Y10T 70/7633** (2015.04 - EP US); **Y10T 70/7695** (2015.04 - EP US)

Citation (search report)
See references of WO 0020709A1

Designated contracting state (EPC)
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DE 19844593 A 19980929; AU 5972899 A 19990903; BR 9914080 A 19990903; CN 99811442 A 19990903; EP 9906496 W 19990903; EP 99969931 A 19990903; JP 2000574795 A 19990903; KR 20017004030 A 20010329; US 80610601 A 20010328