

Title (en)

Axial decoupling lock for car lock mechanism

Title (de)

Axial entkuppelndes Schloss für ein Schlossmechanismus eines Personenkraftwagens

Title (fr)

Verrou à débrayage axial perfectionné pour un mécanisme de serrure de véhicule automobile

Publication

EP 0943758 B1 20030502 (FR)

Application

EP 99400632 A 19990315

Priority

FR 9803340 A 19980317

Abstract (en)

[origin: EP0943758A1] The clutch bolt comprises a stator, an intermediate socket and a rotor (12) which rotates a lock control lever. The rotor carries parts for locking it relative to the socket and de-clutching parts which, through rotation of the socket with the aid of a key, rotate the rotor and de-clutch the coupling of the rotor and the control lever. The rotor comprises two independent parts (12a,12b) which are coupled to rotate. The rear part carries the locking parts (112,116) whereas the front part carries the de-clutching and coupling parts (87). The rear part of the rotor has an annular groove (134) which allows radially outwards separation of the branches of a pin which engages in the stator rear end.

IPC 1-7

E05B 17/04; **E05B 17/00**

IPC 8 full level

E05B 17/00 (2006.01); **E05B 17/04** (2006.01)

CPC (source: EP)

E05B 17/0058 (2013.01); **E05B 17/04** (2013.01)

Cited by

FR2882772A1; EP1614837A3; FR2889859A1; FR2895762A1; US7997108B2; EP1842987A1; FR2899618A1; EP4119748A1; FR3125307A1; WO2006092371A1; WO2012019267A3; WO2011057626A1; US8347677B2; US9506273B2; US9745774B2; WO2007020232A1; WO2007077345A3; WO138672A1; JP2009522468A

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