

Title (en)

Bolt with a disengageable rotor and car steering column lock with such a bolt

Title (de)

Riegel mit entkuppelbarem Rotor und Automobillenschloss mit einem solchen Riegel

Title (fr)

Verrou à rotor débrayable et antivol de direction de véhicule automobile équipé d'un tel verrou

Publication

EP 0731243 B1 20000503 (FR)

Application

EP 96103461 A 19960305

Priority

FR 9502895 A 19950310

Abstract (en)

[origin: EP0731243A1] The bolt (14) has a rotor (34) revolving in an intermediate stator (38) also rotating in the bolt fixed body. Pairs of locking pistons engage the rotor and intermediate stator (38) to make them rotate together in the absence of a key. The key comprises an indexing finger (68) which angularly indexes the intermediate stator relative to the fixed body which can move radially between indexing and retracted positions. The finger is returned by a spring (132) into its indexing position where it is received in a groove (50) in the fixed body. In the retracted position it is withdrawn radially inwards into a housing in the rotor, against a spring force. An outlet part (92) rotating in the bolt fixed body is connected to rotate with the rotor by a releasable drive (120). The drive release is caused by indexing the stator when it is in the retracted position. The release drive immobilises the outlet part in rotation relative to the bolt fixed body when they are in the released position under the action of the finger.

IPC 1-7

E05B 17/04

IPC 8 full level

E05B 17/04 (2006.01)

CPC (source: EP)

E05B 17/04 (2013.01)

Citation (examination)

DE 4041134 C1 19920604

Cited by

EP0833023A3; FR2755457A1

Designated contracting state (EPC)

DE ES GB IT

DOCDB simple family (publication)

EP 0731243 A1 19960911; EP 0731243 B1 20000503; DE 69608018 D1 20000608; DE 69608018 T2 20001214; ES 2148607 T3 20001016; FR 2731456 A1 19960913; FR 2731456 B1 19970404

DOCDB simple family (application)

EP 96103461 A 19960305; DE 69608018 T 19960305; ES 96103461 T 19960305; FR 9502895 A 19950310