

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 A1 19960911 (FR)**

Application

**EP 96103461 A 19960305**

Priority

FR 9502895 A 19950310

Abstract (en)

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 In the retracted position it is withdrawn radially inwards into a housing in the rotor, against a spring force.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.

Abstract (fr)

L'invention propose un verrou (14) à rotor (34) débrayable, caractérisé en ce qu'il comporte un organe de sortie (92) monté à rotation dans le corps fixe du verrou et qui est lié en rotation au rotor (34) par des moyens débrayables d'entraînement (120) dont le débrayage est provoqué par l'organe d'indexation du stator (68) lorsqu'il est en position escamotée, et en ce que les moyens débrayables d'entraînement (120) immobilisent l'organe de sortie (92) en rotation par rapport au corps fixe de verrou lorsqu'ils sont en position débrayée sous l'action de l'organe d'indexation (68). <IMAGE>

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IPC 8 full level

**E05B 17/04** (2006.01)

CPC (source: EP)

**E05B 17/04** (2013.01)

Citation (search report)

- [DA] FR 2642463 A1 19900803 - NEIMAN SA [FR]
- [A] EP 0370904 A1 19900530 - DUPART JEAN
- [A] WO 9111579 A1 19910808 - MORICZ FERENC [SE], et al
- [A] FR 2601990 A1 19880129 - DUPART JEAN [FR]
- [A] EP 0571249 A1 19931124 - VALEO SECURITE HABITACLE [FR]

Cited by

EP0833023A3; FR2755457A1

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