

Title (en)

Bolt with disconnectable rotor, especially for a motor vehicle lock.

Title (de)

Riegel mit entkuppelbarem Rotor, insbesondere für ein Kraftfahrzeug.

Title (fr)

Verrou à rotor débrayable, notamment pour serrure de véhicule automobile.

Publication

EP 0571249 B1 19951115 (FR)

Application

EP 93401225 A 19930513

Priority

FR 9206124 A 19920520

Abstract (en)

[origin: EP0571249A1] Bolt with disconnectable rotor, of the type comprising a rotor (14) pivoting in an intermediate stator (12), itself pivoting in a fixed body (10), and locking members, such as pairs of pistons or tumblers, cooperating with the rotor (14) and the intermediate stator (12) for fixing them to one another in terms of rotation in the absence of a key or in the presence of an incorrect key and for releasing the rotor (14) relative to the intermediate stator (12) after the insertion of the correct key, the bolt comprising, furthermore, a member for the control of a lock, such as a lever (20) or beater and means for fixing the rotor (14) to the said control member (20), which are capable of ensuring fixing together only after the rotation of the rotor (14) independently of the intermediate stator (12), the said bolt being characterised in that the means for fixing together comprise a pusher (16) integral in terms of rotation with the intermediate stator (12) and capable of sliding radially in the said stator (12) under the action of cam means (44) formed on the rotor (14), the pusher (16) cooperating by means of a rib (62) with a control finger (18) capable of sliding radially in the control member (20) with which it is integral in terms of rotation. <IMAGE>

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E05B 17/00

IPC 8 full level

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CPC (source: EP)

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Cited by

FR2755457A1; EP0731243A1; FR2731456A1; EP0806531A1; FR2748513A1; US5732580A; EP0769598A1; FR2740164A1; EP0659961B1

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