

Title (en)

Rotary latch with improved connecting device

Title (de)

Drehriegel mit verbesserter Verbindungsvorrichtung

Title (fr)

Verrou rotatif comportant des moyens perfectionnés d'assemblage

Publication

EP 0688925 A1 19951227 (FR)

Application

EP 95109434 A 19950619

Priority

FR 9407905 A 19940624

Abstract (en)

The lock consists of an outer stator barrel (14) and an inner rotor cylinder (12) with an eccentric head (42) projecting axially from its end face, e.g. to drive the locking mechanism. It also has a two-way spring (16) situated between the base of the barrel and the end face (34) of the rotor. The spring is in the form of a spiral with two parallel projecting end branches (40A,40B) to interact with the faces (50B) of the rotor drive head, and with lateral stop surfaces (64A,64B) on a barrel end projection. The body of the spring is wound around a concentric hub (36) on the rotor's end face, and the inner surface of the lock barrel has an axial recess for the passage of the eccentric head and the branches of the spring. <IMAGE>

IPC 1-7

E05B 9/08

IPC 8 full level

E05B 9/08 (2006.01)

CPC (source: EP)

E05B 9/086 (2013.01)

Citation (applicant)

FR 2642463 A1 19900803 - NEIMAN SA [FR]

Citation (search report)

- [A] EP 0224104 A1 19870603 - NEIMAN SA [FR]
- [A] US 1742254 A 19300107 - JACOBI EDWARD N
- [A] US 4272975 A 19810616 - PATRIQUIN GEORGE P
- [A] US 2883848 A 19590428 - WOLNIAK STANLEY C
- [DA] FR 2642463 A1 19900803 - NEIMAN SA [FR]

Designated contracting state (EPC)

DE ES GB IT

DOCDB simple family (publication)

EP 0688925 A1 19951227; EP 0688925 B1 19990127; BR 9502851 A 19960423; CN 1075587 C 20011128; CN 1114998 A 19960117; DE 69507546 D1 19990311; DE 69507546 T2 19990602; ES 2129706 T3 19990616; FR 2721647 A1 19951229; FR 2721647 B1 19960726

DOCDB simple family (application)

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