

Title (en)

Lock with a disconnectable rotor.

Title (de)

Verriegelung mit entkuppelbarem Rotor.

Title (fr)

Verrou à rotor débrayable.

Publication

EP 0520904 B1 19941102 (FR)

Application

EP 92401808 A 19920625

Priority

FR 9107997 A 19910627

Abstract (en)

[origin: EP0520904A1] Lock with a disconnectable rotor, comprising a rotor (11) pivoting in an intermediate stator (12), itself pivoting in a stationary body (13), locking members, such as tumblers (17) or pairs of pistons, cooperating with the rotor (11) and the intermediate stator (12) in order to fix them relative to one another in terms of rotation in the absence of a key or in the presence of an unsuitable key and in order to free the rotor (11) relative to the intermediate stator (12) after the insertion of a suitable key, first indexing means retractable from the intermediate stator (12) in relation to the body (13), and second means for reinforcing the connection between the rotor (11) and intermediate stator (12) in the presence of an unsuitable key, the first and second means consisting of at least one elastic tab (36) formed integrally in a recess (33) of the intermediate stator (12), each elastic tab comprising a circular branch (37) connected to a radial branch (40). <IMAGE>

IPC 1-7

E05B 17/04; E05B 17/00

IPC 8 full level

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CPC (source: EP)

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Cited by

EP0611860A1; DE4330980A1; FR2721646A1; EP0833023A3; FR2705387A1; EP0631028A1; FR2762640A1; EP3628798A1; FR3086317A1; US8099987B2; WO2007082569A1

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