

Title (en)
Security lock with fixing ring.

Title (de)
Sicherheitsschloss mit Befestigungsring.

Title (fr)
Serrure à bloc de sûreté et bague de fixation.

Publication
EP 0139550 A1 19850502 (FR)

Application
EP 84401638 A 19840806

Priority
FR 8313381 A 19830817

Abstract (en)
1. Lock comprising a central rotor (1) adapted to receiving a key (C), a stator (2) slipped around the rotor and locked thereto by locking means (10, 21, 22) in the absence of the key, a fastener ring (4) surrounding the stator (2) and connected therewith during rotation of the rotor (1) that is unlocked from the stator through the locking means when the key (C) is inserted, a cylindrical cam (6) provided with a driving pin (60) and translationally unmovable, disposed to the rear of the rotor and stator and turning with the rotor (1) when the rotor is unlocked from the stator (2), and a bolt (7) translatable by the pin (60) when the cam (6) rotates, characterized in that it comprises means (24, 42, 44) for freeing the rotation of the stator (2) in the ring (4) under of a rotational load exerted at least on the stator without ever imparting rotational movement to the cam (6) and translational movement of the bolt (7), and means (3, 8, 25, 62), for engaging the rotor (1) with the cam (6) during rotation of the rotor (1) unlocked from the stator (2) and for disengaging the rotor (1) from the cam (6) during rotation of the stator (2) locket to the rotor (1).

Abstract (fr)
La serrure comprend un bloc de sûreté à rotor (1) et stator (2), une bague de fixation (4) entourant le stator (2) et solidaire du stator pendant la rotation du rotor (1) suite à l'introduction de la clé (C), une came cylindrique (6) à ergot (60), et un pêne (7) coopérant avec l'ergot (60). L'invention vise à empêcher toute ouverture lors d'une rotation forcée du bloc de sûreté. A cette fin, la serrure comprend des moyens (24, 42, 44) pour libérer la rotation du stator (2) dans la bague (4) sous l'action d'un effort de rotation exercé au moins sur le stator, et des moyens (3, 8, 25, 62) pour embrayer le rotor (1) avec la came (6) pendant la rotation du rotor (1) déverrouillé du stator (2) et pour débrayer le rotor (1) de la came (6) pendant la rotation du stator (2) verrouillé au rotor (1).

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