

Title (en)

Device to remove the barring mechanism of a preset opening lock

Title (de)

Vorrichtung zum Aufheben der Öffnungssperre eines bedingt betätigbaren Schlosses

Title (fr)

Dispositif destiné à annuler l'interdiction d'ouverture d'une serrure à ouverture conditionnelle

Publication

EP 0887496 A1 19981230 (FR)

Application

EP 97108690 A 19970530

Priority

EP 97108690 A 19970530

Abstract (en)

The system, comprising a motor (MT) with a transmission member (28) connecting it to a lock assembly which can be set in active and inactive positions so it prevents or permits the movement of a lock bar, incorporates a deactivator (54,64,66) to free the transmission member and permit disengagement of the lock assembly outside its active position. The deactivator is designed to break the mechanical coupling between the motor and lock assembly and allow the lock assembly to return freely to its inactive position by gravity. Its disengagement mechanism comprises a notch (66) and a lug (54), one on the transmission member and the other coupled to the motor to drive the transmission member.

IPC 1-7

E05B 49/00; **E05B 47/06**; **E05B 47/00**; **E05B 65/00**

IPC 8 full level

E05B 47/00 (2006.01); **E05B 47/06** (2006.01); **E05B 65/00** (2006.01); **G07C 9/00** (2006.01); **E05B 15/04** (2006.01)

CPC (source: EP US)

E05B 47/0012 (2013.01 - EP US); **E05B 47/0603** (2013.01 - EP US); **E05B 65/0075** (2013.01 - EP US); **G07C 9/00912** (2013.01 - EP US); **E05B 2015/0486** (2013.01 - EP US); **E05B 2047/0017** (2013.01 - EP US); **E05B 2047/0021** (2013.01 - EP US); **E05B 2047/0031** (2013.01 - EP US); **E05B 2047/0087** (2013.01 - EP US); **Y10T 70/7006** (2015.04 - EP US); **Y10T 70/7028** (2015.04 - EP US); **Y10T 70/7068** (2015.04 - EP US)

Citation (search report)

- [A] DE 8914267 U1 19900412
- [A] US 4633687 A 19870106 - FANE WILLIAM J [CA]
- [DA] EP 0256430 A1 19880224 - RELHOR SA [CH]

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CN109898927A; EP1069264A1; US6434987B1

Designated contracting state (EPC)

AT BE CH DE ES FR GB IT LI LU NL SE

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EP 0887496 A1 19981230; **EP 0887496 B1 20031217**; AR 012892 A1 20001122; AT E256807 T1 20040115; BR 9806496 A 19991228; CA 2239000 A1 19981130; DE 69726843 D1 20040129; US 6032499 A 20000307

DOCDB simple family (application)

EP 97108690 A 19970530; AR P980102543 A 19980529; AT 97108690 T 19970530; BR 9806496 A 19980529; CA 2239000 A 19980528; DE 69726843 T 19970530; US 8498498 A 19980528