

Title (en)

A COUPLING DEVICE OF AN EXTERNAL HANDLE TO A LOCK

Title (de)

KOPPLUNGSVORRICHTUNG FÜR EINEN EXTERNEN GRIFF AN EINEN RIEGEL

Title (fr)

DISPOSITIF DE COUPLAGE D'UNE POIGNÉE EXTERNE À UN VERROU

Publication

EP 2466043 A1 20120620 (EN)

Application

EP 11185561 A 20111018

Priority

IT MI20102326 A 20101220

Abstract (en)

The coupling device (1) of an external handle to a lock comprises a rotatable element (4, 30) for translatingly displacing a coupling element (5, 36) of the external handle to the lock, the rotatable element (4, 30) having a first permanent magnetic pole and at least a second permanent magnetic pole (6, 7) which are of opposite polarity and destined to selectively face a third permanent magnetic pole (8) present in said coupling element (5, 36) in order to subject the coupling element (5, 36) to a magnetic displacement force in an opposite direction between a coupling position and a decoupling position of the external handle of the lock.

IPC 8 full level

E05B 47/06 (2006.01); **E05B 47/00** (2006.01)

CPC (source: EP)

E05B 47/0012 (2013.01); **E05B 47/0038** (2013.01); **E05B 47/0692** (2013.01); **E05B 15/0073** (2013.01)

Citation (search report)

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- [XP] EP 2302149 A1 20110330 - CESTRONICS GMBH [DE]
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- [A] DE 102006045195 B3 20080430 - SECCOR HIGH SECURITY GMBH [DE]
- [A] EP 2083137 A1 20090729 - EZ TREND TECHNOLOGY CO LTD [TW]
- [A] EP 1522659 A2 20050413 - CISA SPA [IT]

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2466043 A1 20120620; **EP 2466043 B1 20180613**; ES 2685485 T3 20181009; IT 1403274 B1 20131017; IT MI20102326 A1 20120621

DOCDB simple family (application)

EP 11185561 A 20111018; ES 11185561 T 20111018; IT MI20102326 A 20101220