

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 B1 20180613 (EN)

Application

EP 11185561 A 20111018

Priority

IT MI20102326 A 20101220

Abstract (en)

[origin: EP2466043A1] 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 15/00 (2006.01); **E05B 47/00** (2006.01); **E05B 47/06** (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)

Cited by

EP3284886A1; DE102015007872B3; US2016145911A1; US9889725B2; JP2018520284A; EP3258038A1; CN107524343A; EP3118977A1; US10443269B2; EP2813649B1

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