

Title (en)

Locking device with a threaded connection between a cylinder core and a handle

Title (de)

Schließeinrichtung mit einer Gewindeverbindung zwischen Zylinderkern und Handhabe

Title (fr)

Dispositif de verrouillage comportant une liaison filetée entre le rotor d'un barillet et une poignée

Publication

EP 2706172 A3 20170426 (DE)

Application

EP 13450039 A 20130903

Priority

AT 9792012 A 20120906

Abstract (en)

[origin: EP2706172A2] The device has an electromechanically operating coupling unit rotatably connecting a cylinder core (3) and a closing element with each other. A connecting unit mechanic and electric releasably connects a hand lever with the core. The connecting unit includes threaded connection between the core and hand lever, where the threaded connection includes a positive anti-twist protection device in a form of axial recesses (12) that are arranged on the core or hand lever. Partially formed projection parts (13) are axially engaged in locked state of the threaded connection in the recesses.

IPC 8 full level

E05B 9/04 (2006.01); **E05B 3/00** (2006.01); **E05B 17/22** (2006.01); **E05B 47/00** (2006.01); **E05B 47/06** (2006.01)

CPC (source: EP)

E05B 47/0615 (2013.01); **E05B 47/0638** (2013.01)

Citation (search report)

- [XDAI] DE 102004009992 A1 20050922 - SANCAK MEHMET [DE]
- [AD] EP 1739631 A1 20070103 - BUGA TECHNOLOGIES GMBH [DE]
- [AP] DE 202012007659 U1 20121106 - BKS GMBH [DE]

Cited by

AT522147A1; IT201800010405A1

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 2706172 A2 20140312; **EP 2706172 A3 20170426**; **EP 2706172 B1 20190807**; AT 512646 A4 20131015; AT 512646 B1 20131015; ES 2753749 T3 20200414

DOCDB simple family (application)

EP 13450039 A 20130903; AT 9792012 A 20120906; ES 13450039 T 20130903