

Title (en)

Knob cylinder with push button actuated coupling and actuation knob for such a locking cylinder

Title (de)

Knauf-Zylinder mit druckknopfbetätigbarer Kupplung sowie Betätigungsknauf für einen derartigen Schließzylinder

Title (fr)

Cylindre à bouton avec couplage actionnable par bouton-presseur, ainsi que bouton de commande pour un cylindre de fermeture de ce type

Publication

EP 2559833 A3 20151014 (DE)

Application

EP 12180407 A 20120814

Priority

DE 102011052811 A 20110818

Abstract (en)

[origin: EP2559833A2] The knob cylinder comprises a plug-in housing (1), a closure element (2) and a rotary knob (3) overlaid with coupling elements which exhibit clutch operation by shifting the push-button (6) from normal position such that the coupling elements separated from each other are brought into rotary driving position in which the coupling elements are engaged with each other, while the closure element is rotated by the knob. Another push-button is connected to the specified push-button through a gear such that rotational driving of buttons is achieved, according to position shift of buttons.

IPC 8 full level

E05B 13/00 (2006.01); **E05B 9/04** (2006.01)

CPC (source: EP)

E05B 9/041 (2013.01); **E05B 13/005** (2013.01); **E05B 2009/046** (2013.01)

Citation (search report)

- [A] WO 2005019570 A1 20050303 - TALPE JOSEPH [BE]
- [A] DE 803698 C1
- [AD] US 6179352 B1 20010130 - SCHNEEBERGER ERIC W [ZA]

Cited by

GB2515729A; GB2553275A; GB2553275B; WO2023017283A1

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 2559833 A2 20130220; **EP 2559833 A3 20151014**; **EP 2559833 B1 20171227**; DE 102011052811 A1 20130221; SI 2559833 T1 20180430

DOCDB simple family (application)

EP 12180407 A 20120814; DE 102011052811 A 20110818; SI 201231261 T 20120814