

Title (en)
Lock cylinder

Title (de)
Schliesszylinder

Title (fr)
Serrure cylindrique

Publication
EP 1443162 B1 20100602 (DE)

Application
EP 04000592 A 20040114

Priority
DE 10303220 A 20030123

Abstract (en)
[origin: EP1443162A2] A coupling structure (30) has a coupling link (CL) (50) to shift between a coupling position for the CL to interlink a shaft (18) and closing bolt toe (CBT) (32) with a positive fit in a direction of rotation and a uncoupling position, where the shaft and the CBT uncouple from each other in a direction of rotation. A drive mechanism (34) is set up to move a drive link (40) so as to shift the CL. An independent claim is also included for a closing system for a door fitted with a closing cylinder with a closing bolt toe and operating elements on the inner and outer sides of the door.

IPC 8 full level
E05B 13/00 (2006.01); **E05B 9/04** (2006.01); **E05B 47/00** (2006.01); **E05B 47/06** (2006.01)

CPC (source: EP)
E05B 47/0615 (2013.01); **E05B 47/063** (2013.01); **E05B 47/0649** (2013.01); **E05B 47/0692** (2013.01); **E05B 47/0004** (2013.01); **E05B 47/0012** (2013.01); **E05B 47/0038** (2013.01); **E05B 2047/0031** (2013.01)

Cited by
EP3118977A1; EP2930292A1; WO2019086587A1; DE102006001265C5; EP2172607A3; EP1746225A3; DE102011113796A1; EP2568101A3; EP2110501A3; EP2466043A1; ITMI20102326A1; JP2018520284A; EP1736622A1; DE102014104607B3; CN104975765A; WO2017009277A1; WO2015054667A1; WO2007109814A1; US10890014B2; EP2110501A2; US10443269B2; CN110541622A; US2019390480A1; CN111556918A; US10844632B2; EP3480396A1; CN111279040A; RU2749442C1; EP2813649B1; WO2007098510A1; US11808057B2; US9222282B2; US10900259B2; US11566446B2; US11619069B2; US11933073B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1443162 A2 20040804; EP 1443162 A3 20080521; EP 1443162 B1 20100602; AT E470034 T1 20100615; DE 10303220 B3 20040916; DE 502004011223 D1 20100715; ES 2344450 T3 20100827

DOCDB simple family (application)
EP 04000592 A 20040114; AT 04000592 T 20040114; DE 10303220 A 20030123; DE 502004011223 T 20040114; ES 04000592 T 20040114