

Title (en)
Lock

Title (de)
Schloss

Title (fr)
Serrure

Publication
EP 2390445 A3 20140528 (DE)

Application
EP 11164874 A 20110505

Priority
DE 102010028652 A 20100506

Abstract (en)
[origin: EP2390445A2] The interlock (1) has a lock mechanism that controls a catch bolt (8) and a lock bar (7), and an actuating handle (9) which is coupled with the lock mechanism for actuating the catch bolt or the lock bar by storage spring (15). The storage spring is charged by the actuation of the actuating handle. A release device is provided to release the discharge of energy for actuating the lock mechanism in the opening direction, where the energy is stored in the storage spring.

IPC 8 full level
E05B 15/04 (2006.01); **E05B 47/00** (2006.01); **E05B 65/10** (2006.01)

CPC (source: EP)
E05B 47/0669 (2013.01); **E05B 65/1086** (2013.01); **E05B 15/004** (2013.01); **E05B 17/0041** (2013.01); **E05B 47/0038** (2013.01); **E05B 63/16** (2013.01); **E05B 2015/0427** (2013.01); **E05B 2015/0448** (2013.01); **E05B 2043/007** (2013.01)

Citation (search report)
• [XA] WO 2004031517 A1 20040415 - YALE SECURITY INC [US], et al
• [A] NL 6409833 A 19660228
• [A] DE 102006002951 A1 20070726 - ZIMMER GUENTHER [DE], et al

Cited by
EP2474692A3; CN105580739A; EP3798112A1; US10941589B1; WO2021058955A1; EP2474692B1

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)
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DE 102010028652 B4 20111117; DK 2390445 T3 20180723; PL 2390445 T3 20180928

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