

Title (en)
Safety lock

Title (de)
Sicherheitsschloss

Title (fr)
Serrure de sécurité

Publication
EP 2487311 A3 20160824 (DE)

Application
EP 12000830 A 20120209

Priority
DE 202011002661 U 20110211

Abstract (en)
[origin: EP2487311A2] The lock (1) has a hand actuatable drive (21) actuating a lock bolt (4) and a bolt latch (25), which blocks movement of the bolt in a locking position. The latch is a pivotable lever actuated by an electric drive (34). The lever engages with a lock bolt sided designed locking lug (29) in a correspondingly designed opening (30) in the lock bolt in the locking position. A gear is arranged between the bolt latch and the electric drive. The bolt latch is transferable from an unlocking position into a locking position by the gear and blockable against pivoting in the locking position.

IPC 8 full level
E05B 47/06 (2006.01); **E05B 63/20** (2006.01); **E05B 47/00** (2006.01); **E05B 63/00** (2006.01)

CPC (source: EP US)
E05B 47/0607 (2013.01 - EP US); **E05B 63/0017** (2013.01 - EP US); **E05B 63/20** (2013.01 - EP US); **E05B 63/0056** (2013.01 - EP US); **E05B 2047/0031** (2013.01 - EP US); **E05B 2047/0093** (2013.01 - EP US); **E05B 2063/207** (2013.01 - EP US); **Y10T 70/5319** (2015.04 - EP US); **Y10T 70/5478** (2015.04 - EP US); **Y10T 70/7102** (2015.04 - EP US); **Y10T 70/7107** (2015.04 - EP US)

Citation (search report)

- [XAY] EP 0974719 A2 20000126 - SCHULTE SCHLAGBAUM AG [DE], et al
- [I] DE 3409391 A1 19841004 - GOMEZ OLEA NAVEDA MARIANO [ES]
- [YA] DE 202010013880 U1 20101230 - CARL WITTKOPP GMBH [DE]
- [A] DE 2522973 A1 19761209 - J C F KAUFMANN FA
- [A] US 6193149 B1 20010227 - HESOUN PETER [SE]

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)
DE 202011002661 U1 20110512; EP 2487311 A2 20120815; EP 2487311 A3 20160824; EP 2487311 B1 20181024; US 2012204610 A1 20120816; US 8789398 B2 20140729

DOCDB simple family (application)
DE 202011002661 U 20110211; EP 12000830 A 20120209; US 201213368603 A 20120208