

Title (en)

Key and lock cylinder combination

Title (de)

Schlüssel-Schliesszylinderkombination

Title (fr)

Combinaison de clé et de serrure cylindrique

Publication

EP 2492421 B1 20170816 (DE)

Application

EP 11075140 A 20110617

Priority

- DE 102011013167 A 20110225
- DE 102011014797 A 20110321

Abstract (en)

[origin: DE102011014797B3] A cylinder housing has a cylinder core (1) that is provided with a key channel (8) for inserting a key (2). A locking pin (5) provided in a blocking position of the key channel is projected, such that complete insertion of key is prevented. An auxiliary locking pin is arranged relative to a magnet (3) in the key corresponding to unpolarized magnet (6) in cylinder core. The locking pin is moved from the locking position, when the magnet in the key is operated against the action of the magnet (4) that is arranged at the cylinder bore or the cylinder housing.

IPC 8 full level

E05B 17/16 (2006.01); **E05B 27/00** (2006.01); **E05B 35/00** (2006.01); **E05B 47/00** (2006.01)

CPC (source: EP)

E05B 17/16 (2013.01); **E05B 27/00** (2013.01); **E05B 27/0042** (2013.01); **E05B 35/003** (2013.01); **E05B 47/0044** (2013.01); **E05B 47/0045** (2013.01)

Citation (examination)

- EP 0812971 A2 19971217 - EVVA WERKE [AT]
- AT 365712 B 19820210 - EVVA WERKE [AT]
- AT 371532 B 19830711 - GRUNDMANN GMBH GEB [AT]

Cited by

EP3699376A1; FR3092856A1

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

DOCDB simple family (publication)

DE 102011014797 B3 20120301; EP 2492421 A1 20120829; EP 2492421 B1 20170816

DOCDB simple family (application)

DE 102011014797 A 20110321; EP 11075140 A 20110617