

Title (en)

Key and lock system against unauthorized copying of the key

Title (de)

System aus Schlüssel und Schloss gegen eine unerlaubte Kopierung des Schlüssels

Title (fr)

Système de clé et de serrure de sûreté contre la reproduction frauduleuse de cette clé

Publication

EP 1767731 B1 20120425 (FR)

Application

EP 06120235 A 20060906

Priority

ES 200502172 A 20050906

Abstract (en)

[origin: EP1767731A1] A slot of a rotating piece for insertion of the blade (2) has a recessed longitudinal profile where the size of the recesses is equal to excess dimension of the displaceable piece (5) with respect to the thickness of the zone of reduced thickness (2b). The rotating piece has a radial pivot that is diametrically aligned with the security pin capable of ensuring locking and releasing rotation of the rotating piece. A radial pivot (8) protrudes inside the slot at an amount equal to excess dimension of the displaceable piece with respect to the reduced zone. The displaceable piece remains situated between the radial pivot and the security pin keyed with the security counter pin (10) when the key is fully inserted inside the slot.

IPC 8 full level

E05B 27/00 (2006.01); **E05B 19/12** (2006.01); **E05B 35/00** (2006.01)

CPC (source: EP ES US)

E05B 35/003 (2013.01 - EP ES US); **Y10T 70/7881** (2015.04 - EP US)

Cited by

EP4119749A1; EP3483365A1; EP2407616A3; WO2014147654A1; US11280111B2; US11624206B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1767731 A1 20070328; **EP 1767731 B1 20120425**; AT E555267 T1 20120515; ES 2300165 A1 20080601; ES 2300165 B1 20090512; PL 1767731 T3 20121031; PT 1767731 E 20120615; US 2007051146 A1 20070308

DOCDB simple family (application)

EP 06120235 A 20060906; AT 06120235 T 20060906; ES 200502172 A 20050906; PL 06120235 T 20060906; PT 06120235 T 20060906; US 47040606 A 20060906