

Title (en)

System with a key and a security lock

Title (de)

System mit einem Schlüssel und mit einem Sicherheitsschloss

Title (fr)

Système de clé et serrure de sécurité

Publication

**EP 1437462 A3 20070509 (DE)**

Application

**EP 03030021 A 20031230**

Priority

ES 200203058 A 20021231

Abstract (en)

[origin: EP1437462A2] The profiled key (1) has a shaft (3) which fits in a matching slot in the cylinder (2a) of a security lock (2). The shaft of the key may be made in one piece or in two interlocking pieces. It engages with main (9) and auxiliary (12) plungers in the lock cylinder. The cylinder may rotate in the housing (2b) when the key is inserted, pushing the ends of the plungers to the correct position. The outer ends of the plungers engage with spring-loaded (11,14) housing plungers (10,13).

IPC 8 full level

**E05B 27/00** (2006.01); **E05B 15/08** (2006.01); **E05B 19/00** (2006.01); **E05B 27/10** (2006.01)

CPC (source: EP ES)

**E05B 19/0017** (2013.01 - ES); **E05B 19/0029** (2013.01 - EP); **E05B 27/00** (2013.01 - EP)

Citation (search report)

- [A] EP 0633373 A1 19950111 - WINKHAUS AUGUST GMBH CO KG [DE]
- [A] CH 355710 A 19610715 - ZEISS IKON AG [DE]
- [A] EP 0386504 A1 19900912 - BKS GMBH [DE]

Cited by

EP3670793A1; EP3088640A1; EP3266962A1

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

Designated extension state (EPC)

AL LT LV MK

DOCDB simple family (publication)

**EP 1437462 A2 20040714**; **EP 1437462 A3 20070509**; **EP 1437462 B1 20181024**; ES 2229874 A1 20050416; ES 2229874 B1 20060216

DOCDB simple family (application)

**EP 03030021 A 20031230**; ES 200203058 A 20021231