

Title (en)

LOCKING SYSTEM CONSISTING OF A LOCK AND SEVERAL KEYS

Publication

EP 0304760 B1 19921021 (DE)

Application

EP 88113236 A 19880816

Priority

- DE 3728073 A 19870822
- DE 3742826 A 19871217

Abstract (en)

[origin: EP0304760A2] The invention relates to a locking system consisting of a lock and a plurality of keys, in which the locking of the lock determined by mechanically and/or magnetically controllable tumblers can be varied in such a way that the locking code of the lock initially corresponding to the coding of the first key can be changed to the coding of a subsequent key by the displacement of at least one tumbler member (28) within the lock, and proposes, at the same time doing away with actuation by tool or hand-operated knob, that the displacement of the tumbler member (28) be obtained by means of the particular subsequent key (36), and that the subsequent key (36) be subdivided into a first region (A) assigned solely to the locking code of the tumblers and a second additional region (E) which comes into effect when the first region coincides with the locking code of the tumblers and which displaces the tumbler member (28) into the position covered by the additional region of the next subsequent key. <IMAGE>

IPC 1-7

E05B 47/00

IPC 8 full level

E05B 27/06 (2006.01); **E05B 27/00** (2006.01); **E05B 35/08** (2006.01); **E05B 47/00** (2006.01)

CPC (source: EP US)

E05B 27/005 (2013.01 - EP US); **E05B 35/083** (2013.01 - EP US); **E05B 47/0043** (2013.01 - EP US); **Y10T 70/7057** (2015.04 - EP US);
Y10T 70/7734 (2015.04 - EP US); **Y10T 70/774** (2015.04 - EP US)

Cited by

FR2663072A1; US5406815A; US5267459A; US5388437A; WO9206264A3; WO9520087A1; EP0458870B1

Designated contracting state (EPC)

AT BE CH DE ES FR GB GR IT LI NL SE

DOCDB simple family (publication)

EP 0304760 A2 19890301; **EP 0304760 A3 19900718**; **EP 0304760 B1 19921021**; AU 2972089 A 19900823; AU 617759 B2 19911205;
CA 1316697 C 19930427; CN 1027297 C 19950104; CN 1032209 A 19890405; DE 3742826 A1 19890302; DE 3875427 D1 19921126;
ES 2035197 T3 19930416; GR 3006535 T3 19930630; JP H01151667 A 19890614; JP H0833084 B2 19960329; PT 88317 A 19890630;
PT 88317 B 19930930; US 5072604 A 19911217; US 5074135 A 19911224

DOCDB simple family (application)

EP 88113236 A 19880816; AU 2972089 A 19890208; CA 575280 A 19880819; CN 88106176 A 19880822; DE 3742826 A 19871217;
DE 3875427 T 19880816; ES 88113236 T 19880816; GR 920402909 T 19921214; JP 20650788 A 19880822; PT 8831788 A 19880822;
US 23481388 A 19880822; US 23485588 A 19880822