Title (en)
Single key system

Title (de)
Einschlüsselsystem

Title (fr)
Système à clé unique

Publication
EP 0816600 A3 20000920 (EN)

Application
EP 97500112 A 19970701

Priority
• ES 9601474 A 19960702
• ES 9701333 A 19970618

Abstract (en)
[origin: EP0816600A2] Single key system comprising a lock, keys and a codifier. The lock includes an electronic circuit (25) which stores an access code and identification codes for the keys with specific restrictions. Besides the lock, there is also a mechanism (22), to enable or prevent the cylinder (13) from turning, which is controlled by the electronic circuit (25). The keys include electronic circuits that store the access codes for one or several keys. The codifier enables the codes for the keys to be introduced, annulled or modified, with the possibility of one key including authorization to open several locks. <IMAGE>

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E05B 49/00; E05B 47/06; E05B 47/00

IPC 8 full level
G07C 9/00 (2006.01)

CPC (source: EP)
G07C 9/00817 (2013.01); **G07C 9/00857** (2013.01); G07C 2009/00761 (2013.01); G07C 2009/00841 (2013.01)

Citation (search report)
• [A] US 4558175 A 19851210 - GENEST LEONARD J [US], et al
• [A] GB 2172928 A 19861001 - DUSUNG PRECISION CO
• [A] EP 0278906 A1 19880817 - BERCHTOLD AG [CH]
• [A] US 5083122 A 19920121 - CLARK KEITH S [US]
• [A] US 4534194 A 19850813 - AYDIN KEMAL [US]
• [XA] PHILLIPS: "kaba nova : a self-contained system with no hardwiring", LOCKSMITH LEDGER INTERNATIONAL, vol. 49, no. 5, 1 April 1989 (1989-04-01), H PUBLISHING CO US, pages 62 - 64, XP000007785
• [XA] MÜLLER: "schliessanlagen ihre organisation-funktion-sicherheit", W & S WIRTSCHAFTSTECHNIK UND SICHERHEITSTECHNIK., no. 1/2, 1 January 1992 (1992-01-01), HEIDELBERG DE, pages 29 - 32, XP000256862

Cited by
EP4039922A1; EP4039923A1; EP4358043A1; CZ304736B6; US7591160B2; US7099474B1; FR3119411A1; WO0068536A1; WO2024083877A1

Designated contracting state (EPC)
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