

Title (en)
A lock management system

Title (de)
Schlossverwaltungssystem

Title (fr)
Système de gestion de serrures

Publication
EP 0913797 A1 19990506 (EN)

Application
EP 97203404 A 19971103

Priority
EP 97203404 A 19971103

Abstract (en)
A lock management system comprising a control unit and a plurality of locks, said control unit comprising an address generator, provided for generating addresses for addressing each of said locks, said control unit being further provided for generating control signals for controlling the operation of said locks, each of said locks being provided with a status generator, said control unit being connected to a communication bus to which each of said locks are connected in parallel, each of said locks comprising an address decoder, provided for decoding addresses supplied to said bus and for generating an enabling signal upon decoding among said supplied addresses an address, assigned to the lock to which said address decoder belongs, and wherein said control signals comprise a code word annexed to the address assigned to the lock to which the control signal is addressed, said locks further comprising a code word decoder, provided for retrieving said code word from said control signal, said code word decoder being further provided for decoding said code word and for generating moreover a command signal for operating said lock. <IMAGE>

IPC 1-7
G07F 17/12; **G07C 9/00**

IPC 8 full level
G07C 9/00 (2006.01); **G07F 17/12** (2006.01)

CPC (source: EP US)
G07C 9/27 (2020.01 - EP US); **G07F 17/13** (2020.05 - EP US)

Citation (search report)
• [YA] FR 2732139 A1 19960927 - LPE SA [FR]
• [Y] US 4893705 A 19900116 - BROWN LEONARD C [ZA]
• [A] EP 0570195 A1 19931118 - ABLOY SECURITY LTD OY [FI]
• [A] DE 4443391 A1 19960613 - AEG SENSORSYSTEME GMBH [DE]
• [A] US 3838395 A 19740924 - SUTTILL F, et al
• [A] EP 0205691 A1 19861230 - BROWN LEONARD CHARLES

Cited by
CN111357016A; WO2019126740A1; US10872291B2; US11205109B2

Designated contracting state (EPC)
AT BE CH DE DK FR GB IT LI LU NL

DOCDB simple family (publication)
EP 0913797 A1 19990506; **EP 0913797 B1 20010530**; AT E201785 T1 20010615; DE 69705046 D1 20010705; DE 913797 T1 20000629

DOCDB simple family (application)
EP 97203404 A 19971103; AT 97203404 T 19971103; DE 69705046 T 19971103; DE 97203404 T 19971103