

Title (en)
Non-destructible cylinder lock

Title (de)
Nicht zerstörbares Zylinderschloss

Title (fr)
Serrure cylindrique indestructible

Publication
EP 1707710 A1 20061004 (EN)

Application
EP 05102507 A 20050330

Priority
EP 05102507 A 20050330

Abstract (en)
The present invention relates to an improvement in non destructible cylinder locks. A reinforcing system comprising two reinforcing members in the form of pins (18,19) are embedded in a flat portion (13). Said reinforcing members, located at opposite sides of the bridge-like screw hole portion (16), are connected to each other by means of a non-extensible hollow fixing device (20), fixedly attached to the pin heads and extending in the form two arms (21) around each pin head. Additionally, an extensible element (23) is laid in the form of a high tensile strength structure in between the two pin heads and across the surface defined by said non-extensible hollow fixing device (20). The positions at which the two pins (18,19) are located fall outside the space defined by the projection lines of the notch in which the pawl is situated.

IPC 8 full level
E05B 9/04 (2006.01); **E05B 9/10** (2006.01)

CPC (source: EP)
E05B 9/048 (2013.01)

Citation (search report)

- [A] DE 2554593 A1 19770608 - WINKHAUS FA AUGUST
- [A] DE 20100325 U1 20010329 - WINKHAUS FA AUGUST [DE]
- [A] DE 2343720 A1 19750313 - ZEISS IKON AG
- [A] EP 1067258 A1 20010110 - MG SERRATURE S P A [IT]

Cited by
EP1944437A1; EP2826933A3; EP2894279A1; EP2873788A1

Designated contracting state (EPC)
DE GB IT TR

DOCDB simple family (publication)
EP 1707710 A1 20061004; EP 1707710 B1 20080319; DE 602005005442 D1 20080430; WO 2006103231 A1 20061005

DOCDB simple family (application)
EP 05102507 A 20050330; DE 602005005442 T 20050330; EP 2006061094 W 20060328