

Title (en)

Locking cylinder with electromagnetic blocking, specially for profile cylinder in mortise dead locks.

Title (de)

Schliesszylinder mit elektromagnetischer Verriegelung insbesondere für Einsteckschlösser bestimmter Profilzylinder.

Title (fr)

Cylindre pour fermeture avec bloquage électromagnétique notamment pour serrures encastrées de certains cylindres profilés.

Publication

EP 0453878 B1 19940831 (DE)

Application

EP 91105728 A 19910411

Priority

DE 9004623 U 19900424

Abstract (en)

[origin: EP0453878A1] Profile locking cylinders in mortise dead locks are provided with a cylinder housing (1) and a cylinder core (2) mounted rotationally adjustably therein and able to be secured against unauthorised turning by key-actuable tumbler elements and by an additional blocking element (5) actuable by means of an electromagnet (11) installed in the cylinder housing (1) and being subjected to the action of a restoring spring (6). To be able to further simplify this locking cylinder structurally and readily actuate it in the event of any failure of the power supply to its electromagnet by means of its conventional fitting key or to be able to unblock its cylinder core, the blocking element (5) is to be brought into its blocking position securing the cylinder core (2) against rotation by current flow through the electromagnet (11) and is to be held in this position, whereas when current is not flowing through the electromagnet (11) the blocking element is to be brought into the release position by the restoring spring (9) of said electromagnet (11). <IMAGE>

IPC 1-7

E05B 47/06

IPC 8 full level

E05B 47/06 (2006.01)

CPC (source: EP)

E05B 47/063 (2013.01); **E05B 47/0004** (2013.01)

Cited by

DE19901838A1; US5542274A; DE19901839A1; US7874190B2; US8151609B2; US7845202B2; US8028553B2; EP1736620A1

Designated contracting state (EPC)

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EP 0453878 A1 19911030; **EP 0453878 B1 19940831**; AT E110814 T1 19940915; DE 59102686 D1 19941006; DE 9004623 U1 19900621; ES 2058972 T3 19941101

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