

Title (en)

Central locking system for electromagnetic bolts, especially for office furniture.

Title (de)

Zentralverriegelung für elektromagnetische Riegel, insbesondere für Büromöbel.

Title (fr)

Système de commande centralisée de verrous électromagnétiques, en particulier de meubles de bureau.

Publication

EP 0394157 A1 19901024 (FR)

Application

EP 90460011 A 19900302

Priority

FR 8905291 A 19890417

Abstract (en)

The system comprises, in each electromagnetic bolt actuation member (10, 11.1 to 11.n), a narrow elongate housing (15), in which is accommodated a bistable electromagnet (16), one end of the core (18) of which is equipped with a connector (22), and an actuating rod (29) which is aligned with the core (18) and one end of which is located in front of the connector (22), whilst the second end can come out of the housing (15) in the manner of a latch. The closing (EF) and opening (EO) coils of the electromagnet (16) are respectively fed in series with direct current at the moment of closing or opening from a control circuit (8) containing a direct-current supply and switches controlled by a two-position contact (7). The two-position contact (7) is controlled by a conventional member (6) of a piece of furniture which is controlled by the furniture lock (5). <IMAGE>

IPC 1-7

E05B 47/02

IPC 8 full level

E05B 47/02 (2006.01); **E05B 15/00** (2006.01); **E05B 47/00** (2006.01); **E05B 65/46** (2006.01); **E05B 65/462** (2017.01)

CPC (source: EP)

E05B 47/0002 (2013.01); **E05B 47/026** (2013.01); **E05B 15/0073** (2013.01); **E05B 47/0004** (2013.01); **E05B 65/462** (2013.01); **E05B 2047/0079** (2013.01)

Citation (search report)

- [A] FR 1245038 A 19601104
- [A] FR 805914 A 19361203
- [A] FR 2546218 A1 19841123 - TROUILLET MARIUS [FR]
- [A] FR 2057899 A5 19710521 - WILMOT BREEDEN LTD

Cited by

US5823026A; EP0978612A3; CN104851170A; CN107503580A; DE4101744A1; JP2015045121A; WO9702399A1; WO9622437A1

Designated contracting state (EPC)

AT BE CH DE DK ES GB GR IT LI LU NL SE

DOCDB simple family (publication)

EP 0394157 A1 19901024; FR 2645896 A1 19901019; FR 2645896 B1 19910705

DOCDB simple family (application)

EP 90460011 A 19900302; FR 8905291 A 19890417