

Title (en)

Cover for the screws with means for controlling fastening of the screws

Title (de)

Klemmschraubenabdeckung mit einer Vorrichtung zur Kontrolle der Befestigung der Schrauben

Title (fr)

Couvercle cache-vis à moyens de contrôle du serrage des vis

Publication

**EP 1770729 A1 20070404 (FR)**

Application

**EP 05360036 A 20050929**

Priority

EP 05360036 A 20050929

Abstract (en)

The cover (5) has a unit controlling a tightening of a binding screw (4) in a screw cage and including studs (6) integrated to the cover and equal to the number of the screw cages inserted in orifices provided in front of an electric device. The studs have length, such that the cover is closed only when the screws are in tightened state. A hinge (8) is provided at a level of a ridge transversal to an end of the front of the electric device and is formed as a single part with the cover using a thin plastic film connecting the cover and an electric device casing (B).

IPC 8 full level

**H01H 9/02** (2006.01)

CPC (source: EP)

**H01H 9/0264** (2013.01); **H01R 13/5213** (2013.01); **H01H 71/0271** (2013.01); **H01H 71/08** (2013.01)

Citation (search report)

- [DY] WO 9963563 A1 19991209 - HAGER ELECTRO [FR], et al
- [A] DE 8128037 U1 19820204
- [Y] PATENT ABSTRACTS OF JAPAN vol. 017, no. 683 (E - 1477) 15 December 1993 (1993-12-15)
- [A] PATENT ABSTRACTS OF JAPAN vol. 2003, no. 01 14 January 2003 (2003-01-14)

Cited by

CN102543603A; EP3131107A1; EP4266509A1; EP3608935A1; US9859081B2; US8859918B2; US11450501B2; WO2014088715A1; US7701313B2; DE102007025372B4

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

**EP 1770729 A1 20070404**; **EP 1770729 B1 20080514**; AT E395711 T1 20080515; DE 602005006814 D1 20080626; ES 2308418 T3 20081201

DOCDB simple family (application)

**EP 05360036 A 20050929**; AT 05360036 T 20050929; DE 602005006814 T 20050929; ES 05360036 T 20050929