

Title (en)

Device for providing an electrical connection for a roller shutter box, box and roller shutter with such a device

Title (de)

Vorrichtung zur elektrischen Verbindung eines Rolladenkastens, Kasten und Rolladen mit einer derartigen Vorrichtung

Title (fr)

Dispositif de connexion électrique pour caisson de volet roulant, caissons et volets roulants comprenant de tels dispositifs

Publication

**EP 1120533 B1 20041020 (FR)**

Application

**EP 00490055 A 20001219**

Priority

FR 0000944 A 20000125

Abstract (en)

[origin: EP1120533A1] Electrical connector between internal and external cables consists of plate which forms a side wall of shutter housing and has at least one aperture for the external cable, a detachable inner cap with a hole for the internal cable and a fastening system for attaching the cap to the plate. Once fitted it forms a junction box for the connected ends of the external and internal cables. The electrical connector between internal (62) and external (75) cables consists of a plate which forms a side wall of the shutter housing and has at least one aperture (72) for the external cable, a detachable inner cap (51) with a hole (61) for the internal cable and a fastening system (60, 65) for attaching the cap to the plate. Once the cap is fitted to the plate it forms a junction box for the connected ends of the external and internal cables. The cap can be fastened to the housing plate by a screw, rivet, stapling, welding, clipping or a force fit. The plate can be made from a polymer material and it is fitted into a cavity of a component made from concrete, terracotta, polymer or metal alloy.

IPC 1-7

**E06B 9/17**; **E06B 9/72**

IPC 8 full level

**E06B 9/17** (2006.01); **E06B 9/72** (2006.01)

CPC (source: EP)

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**EP 1120533 A1 20010801**; **EP 1120533 B1 20041020**; AT E280309 T1 20041115; DE 60015063 D1 20041125; DE 60015063 T2 20060302; FR 2804158 A1 20010727; FR 2804158 B1 20020503

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