

Title (en)

Current distribution device including a commanded mechanical locking of the plug in the corresponding socket

Title (de)

Stromverteilereinrichtung mit mechanischer Steuerverriegelung des Steckers in der entsprechenden Steckdose

Title (fr)

Dispositif de distribution de courant commandé à verrouillage mécanique de la fiche dans un socle correspondant

Publication

EP 1075055 B1 20060301 (FR)

Application

EP 00402040 A 20000718

Priority

FR 9909939 A 19990730

Abstract (en)

[origin: EP1075055A1] The mechanism uses a cable to link the switch action to the plug and socket lock. The electrical outlet box comprises a single casing (12) housing the outlet socket (18) and a switch (20) connected to control the power supply to the socket. The plug (22) which is to be fitted into the socket includes a projecting rib (30) which is intended to fit into a corresponding slot (29) in the outlet socket. A locking mechanism is provided to engage this projecting rib, in order to secure the plug in the socket. A cable (39) is attached to the locking mechanism, with the second end of this cable being coupled to the rotary switch operating button (19), such that once the switch is turned on, the plug cannot be removed from the socket. The cable is fitted into a guide channel within the casing of the box.

IPC 8 full level

H01R 13/707 (2006.01)

CPC (source: EP US)

H01R 13/707 (2013.01 - EP US); **Y10S 439/911** (2013.01 - EP US)

Cited by

US8080752B2; WO2016085702A1; WO2008141788A1; US9472908B2; US8338700B2; US8338701B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

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