

Title (en)
APPARATUS FOR DISTRIBUTING ELECTRICAL POWER

Title (de)
VORRICHTUNG ZUM VERTEILEN VON ELEKTRISCHEM STROM

Title (fr)
APPAREIL DE DISTRIBUTION D'ÉLECTRICITÉ

Publication
EP 2291889 A4 20121226 (EN)

Application
EP 08754012 A 20080509

Priority
SG 2008000172 W 20080509

Abstract (en)
[origin: WO2009136866A1] An apparatus is disclosed for distributing electrical power via tap off sockets comprising 3 main components namely, an elongate housing for the electrical conducting tracks, a face plate panel acting as an interfacing member between the elongate housing and a power tap off device. The elongate housing encloses electrical conducting elements or tracks running parallel through the housing, such that each track is insulated from each other by the polymeric materials and features of the housing. The face plate panel provide access to the electrical conducting tracks of the elongate housing via aperture on said face plate panel corresponding to each of said electrical conductor track. The aperture may preferably be regulated by a shutter biased to slidably close the apertures from the inside of the face plate panel, and which may be opened with the insertion of an object into the aperture where a translational surface of the shutter. Hatch cover may be provided. Additional non-conducting apertures may be provided for mounting and latching means of a power supply tap off device. The device for tapping off electrical power supply from an elongate housing comprises of conductor elements provided as pins which may be slidably inserted into the electrical conducting tracks, and whereby the pins are electrically connected to another side of said device as a power outlet or socket.

IPC 8 full level
H01R 9/03 (2006.01); **H01R 25/16** (2006.01)

CPC (source: EP)
H01R 25/16 (2013.01)

Citation (search report)

- [X] WO 2004055951 A1 20040701 - POWER & COMM LOGISTICS PTY LTD [AU], et al
- [X] WO 03084819 A2 20031016 - KIM KYUNG TAE [US], et al
- [X] WO 2007095249 A2 20070823 - KIM KYUNG T [US]
- See references of WO 2009136866A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

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