

Title (en)
PLUG-IN CONNECTION WITH PROTECTION AGAINST ELECTRIC SHOCK, IN PARTICULAR SOLAR PLUG-IN CONNECTION

Title (de)
BERÜHRUNGSSICHERE STECKVERBINDUNG, INSBESONDERE SOLARSTECKVERBINDUNG

Title (fr)
CONNEXION PAR FICHES PROTEGEE CONTRE LES CONTACTS, NOTAMMENT CONNEXION PAR FICHES SOLAIRE

Publication
EP 1867010 A1 20071219 (DE)

Application
EP 06724148 A 20060407

Priority
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• DE 102005016266 A 20050408

Abstract (en)
[origin: WO2006105987A1] Plug-in connector which has a plug-side plug-in connector (10) and a socket-side plug-in connector and allows for the socket-side plug-in connector and the plug-side plug-in connector (10) to be plugged together or disassembled, to be precise in order to produce or isolate an electrical contact. In this case, the plug-side plug-in connector (10) has a plug body (11) and a plug element (22) arranged in said plug body (11) and having a connection part and a contact pin (40), the plug body having at least one elongate contact chamber (12) with an opening (99); the elongate contact chamber having an inner wall face (90) extending in the longitudinal direction, a base face arranged transversely with respect thereto in the interior of the plug body and, opposite this base face, a plug-in side with the opening (99) such that the contact chamber is accessible from outside the plug body through the opening; in the contact chamber (12) the contact pin (40) of the plug-in element being arranged parallel to the wall face from the base face in the direction of the opening (99); and finger entry blocking means (60) which protrude into the contact chamber being arranged on the wall face on the plug-in side such that a finger entering the opening is prevented from coming into contact with the contact pin.

IPC 8 full level
H01R 13/44 (2006.01); **H01R 13/64** (2006.01)

CPC (source: EP)
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