

Title (en)  
DEVICE FOR PRODUCING AND REMOVING AN ELECTRICAL PLUG CONNECTION

Title (de)  
VORRICHTUNG ZUM HERSTELLEN UND ZUM LÖSEN EINER ELEKTRISCHEN STECKVERBINDUNG

Title (fr)  
DISPOSITIF POUR ÉTABLIR ET DÉTACHER UNE CONNEXION ÉLECTRIQUE

Publication  
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Application  
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Abstract (en)  
[origin: WO2009127629A1] The invention relates to a device for producing an electrical plug connection between device parts that move relative to one another by force of design. It is used in particular for slide-in devices (20) that are to be electrically connected to a device frame (10) when said slide-in devices reach the inserted position. One plug part (21) of the plug connection is fastened in a recess (22) in a longitudinal side of the device part (20) in fixed fashion, the other plug part (13) is fastened at a tilting support (11, 15) that is pressed into the connection position against the force of a spring. When the one device part (20) is pushed into the other device part (10), the tilting support (11, 15) is first pushed out of the range of motion thereof until the support latches into the recess (22) with further pushing and until the plug part (13) held at said tilting support faces opposite the opposing piece (21) in the connection position. This results in a space-saving plug connection that does not disrupt the positive design of the two device parts (10, 20) and makes manipulation of a slide-in device easier.

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