

Title (en)

ELECTRIC PLUG OF AN ELECTRIC PLUG CONNECTION COMPRISING THE PLUG AND A MATING PLUG

Title (de)

ELEKTRISCHER STECKER EINER ELEKTRISCHEN STECKVERBINDUNG AUS DEM STECKER UND EINEM GEGENSTECKER

Title (fr)

CONNECTEUR ÉLECTRIQUE D'UNE LIAISON ÉLECTRIQUE ENFICHABLE CONSTITUÉE DU CONNECTEUR ET D'UN CONNECTEUR HOMOLOGUE

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Application

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Abstract (en)

[origin: WO2018130452A1] The invention relates to an electric plug (1) of an electric plug connection consisting of the plug (1) and a mating plug, wherein during connection, an electric connection occurs between electric plug contacts (6) of the plug (1) and mating contacts of the mating plug, wherein the electric plug (1) comprises at least the following: at least one connector strip (4), in which a plurality of electric plug contacts (6) provided for electrical connection with mating contacts of the mating plug are held with a first end (8), wherein a free second end (12) of the electric plug contacts (6) in each case projects away from the connector strip (4), a plug contact receiving chamber (10), which has at least two subchamber bodies (14a, 14b), wherein the second free end (12) of at least one of the electric plug contacts (6) projects into each of the subchamber bodies (14a, 14b), wherein the plug contact receiving chamber (10) is open towards the free second ends (12) of the electric plug contacts (6). According to the invention, the connector strip (4) and the plug contact receiving chamber (10) are separate components and are connected to each other, and at least two subchamber bodies (14a, 14b) of the plug contact receiving chamber (10) are connected to each other by at least one elastic element (26) that permits a relative movement of the subchamber bodies (14a, 14b) at least in a plane that is perpendicular to the electric plug contacts (6).

IPC 8 full level

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