

Title (en)

ELECTRICAL PLUG CONNECTOR PAIR

Title (de)

ELEKTRISCHES STECKVERBINDERPAAR

Title (fr)

PAIRE DE CONNECTEURS ENFICHABLES ÉLECTRIQUES

Publication

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Application

EP 15781688 A 20151020

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Abstract (en)

[origin: WO2016062693A1] The invention relates to an electrical plug connector pair having a first plug connector part (1) and a second plug connector part (2) which can be connected to one another by means of a plug connection. According to the invention, provision is made for the first plug connector part (1) to have a locking element (3) with a locking hook (4) which, in a locking state, can be brought into engagement with a hook receptacle (5) which is provided in the second plug connector part (2), so that the locking hook (4) prevents the two plug connector parts (1, 2) from separating from one another, the locking element (3) is mounted in the first plug connector part (1) such that it can pivot about a pivot axis (6), so that the locking hook (4) can be released from the hook receptacle (5) by means of the locking element (3) being pivoted, a locking bolt (9) is arranged in a guide (8) which is provided in the locking element (3), so that the locking bolt (9) can be inserted into a bolt receptacle (10) of this kind on account of a longitudinal displacement, said bolt receptacle being arranged in a region of the first plug connector part (1) which is different from the locking element (3), so that a pivoting movement of the locking element (3) is blocked when the locking bolt (9) is inserted into the bolt receptacle (10). An electrical plug connector pair which can be locked in a simple and reliable manner is provided in this way.

IPC 8 full level

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US 2006134953 A1 20060622 - WILLIAMS CARL D [US], et al

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