

Title (en)
PLUG-TYPE CONNECTOR WITH LOCKING SYSTEM

Title (de)
STECKVERBINDER MIT ARRETIERUNG

Title (fr)
CONNECTEUR ENFICHABLE POURVU D'UN ÉLÉMENT D'ARRÊT

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Application
EP 18785818 A 20180924

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Abstract (en)
[origin: WO2019063043A1] The invention relates to a plug-type connector (1), in particular a round plug-type connector or a plug-type connector according to the push-pull principle, with locking system, having a housing (6) having at least one electrical contact element (5) held therein, a locking ring (4) and a union sleeve (2). The union sleeve (2) and the locking ring (4) are each arranged on the plug side (S) of the plug-type connector (1), wherein the union sleeve (2) can be moved axially and interacts with the locking ring (4). The union sleeve (2) has a circumferential undercut (2.1) and a circumferential groove (2.2) adjoining the undercut (2.1), wherein the undercut (2.1) is arranged on the union sleeve (2) in the direction of the connection side (A) and the groove (2.2) is arranged on the union sleeve in the direction of the plug side (S). According to the invention, the plug-type connector (1) also has a seal, which serves simultaneously as a vibration damping system, a locking system and a protective system.

IPC 8 full level
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Citation (search report)
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