

Title (en)
PLUG ASSEMBLY FOR DATA CABLES

Title (de)
STECKERANORDNUNG FÜR DATENKABEL

Title (fr)
ENSEMBLE DE CONNECTEURS POUR CÂBLE DE DONNÉES

Publication
EP 3776751 A1 20210217 (DE)

Application
EP 19728577 A 20190404

Priority
• AT 502832018 A 20180406
• AT 511322018 A 20181219
• EP 2019000110 W 20190404

Abstract (en)
[origin: US2021098932A1] A plug arrangement for use with cables (K) having cable plugs (S) comprises a housing (1) for receiving the cable plug (S), a clamping element (5) encompassing the cable (K) and accommodated in the housing (1), which clamping element (5) clamps, in a compressed state, the cable (K), and a clamping sleeve (3) for establishing a threaded connection with the housing (1). When the threaded connection is tightened, the clamping element (5) is braced in the housing (1) and the cable (K) is clamped in the clamping element (5). The front end of the clamping element (5) facing the cable plug (S) is configured for receiving and positioning the cable plug (S) in a predetermined position at the front end of the clamping element (5) or is provided with at least one stop for the cable plug (S). Thus, when the threaded connection is tightened, the cable plug (S) is also positioned with respect to the housing (1) and the clamping element (5) so as not to rotate and fixed.

IPC 8 full level
H01R 13/516 (2006.01); **H01R 13/58** (2006.01); **H01R 24/64** (2011.01)

CPC (source: AT EP KR US)
H01R 13/512 (2013.01 - AT US); **H01R 13/516** (2013.01 - EP KR US); **H01R 13/533** (2013.01 - AT US); **H01R 13/58** (2013.01 - AT); **H01R 13/5825** (2013.01 - EP KR US); **H01R 13/639** (2013.01 - AT US); **H01R 24/46** (2013.01 - KR); **H01R 24/64** (2013.01 - US); **H01R 24/64** (2013.01 - EP); **H01R 2201/04** (2013.01 - AT)

Citation (search report)
See references of WO 2019192753A1

Cited by
CN113839259A

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Designated extension state (EPC)
BA ME

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US 11515661 B2 20221129; US 2021098932 A1 20210401; AT 521108 A2 20191015; AT 521108 A3 20200115; AT 521108 B1 20220315; AU 2019248403 A1 20201126; AU 2019248403 B2 20211021; BR 112020020471 A2 20210112; CA 3095778 A1 20191010; CN 112243552 A 20210119; CN 112243552 B 20221018; CN 209929554 U 20200110; EP 3776751 A1 20210217; JP 2021520606 A 20210819; JP 7335894 B2 20230830; KR 20200138357 A 20201209; MX 2020010487 A 20201028; RU 2020136215 A 20220506; RU 2020136215 A3 20220506; ZA 202006583 B 20220126

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US 201917045730 A 20190404; AT 511322018 A 20181219; AU 2019248403 A 20190404; BR 112020020471 A 20190404; CA 3095778 A 20190404; CN 201920457070 U 20190404; CN 201980037472 A 20190404; EP 19728577 A 20190404; JP 2020554427 A 20190404; KR 20207031334 A 20190404; MX 2020010487 A 20190404; RU 2020136215 A 20190404; ZA 202006583 A 20201022