Title (en)

END POSITION FIXING OF A PLUG CONNECTION FOR INCREASING THE VIBRATION RESISTANCE

Title (de)

ENDLAGENFIXIERUNG EINER STECKVERBINDUNG ZUR ERHÖHUNG DER VIBRATIONSFESTIGKEIT

Title (fr)

FIXATION DE LA POSITION FINALE D'UN SYSTÈME DE CONNECTEUR POUR AUGMENTER LA RÉSISTANCE AUX VIBRATIONS

Publication

EP 3028349 B1 20180815 (DE)

Application

EP 14731946 A 20140617

Priority

- DE 102013214947 A 20130731
- EP 2014062756 W 20140617

Abstract (en)

[origin: WO2015014533A1] The invention presents a plug system (1) for high-power plug connections. The plug system (1) has a cable harness plug (3) having an electrical line (5) and an assembly (7) with an interface (9) for establishing an electrical connection between the cable harness plug (3) and the assembly (7). The plug system (1) also has a first fixing element (11) for fixing the cable harness plug (3) to the interface (9) in an interlocking manner. The plug system (1) furthermore has a second fixing element (13) which is designed to fix the cable harness plug (3) and/or the line (5) to the assembly (7) in an interlocking manner in such a way that movement of the cable harness plug (3) and/or of the line (5) parallel and perpendicular to a plugging direction (15) of the cable harness plug (3) is suppressed.

IPC 8 full level

H01R 13/639 (2006.01); **H01R 13/58** (2006.01); **H01R 13/629** (2006.01); **H01R 13/73** (2006.01)

CPC (source: EP US)

H01R 13/533 (2013.01 - US); **H01R 13/58** (2013.01 - US); **H01R 13/62933** (2013.01 - EP US); **H01R 13/639** (2013.01 - EP US); **H01R 13/73** (2013.01 - EP US); **H01R 43/26** (2013.01 - US); H01R 13/5804 (2013.01 - EP US); H01R 2201/26 (2013.01 - EP US)

Cited by

WO2021123006A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2015014533 A1 20150205; DE 102013214947 A1 20150205; EP 3028349 A1 20160608; EP 3028349 B1 20180815; JP 2016531393 A 20161006; JP 6173592 B2 20170802; US 2016190729 A1 20160630; US 9979119 B2 20180522

DOCDB simple family (application)

EP 2014062756 W 20140617; DE 102013214947 A 20130731; EP 14731946 A 20140617; JP 2016530390 A 20140617; US 201414909222 A 20140617