Title (en)

CONNECTION SYSTEM FOR CONNECTING AT LEAST ONE SENSOR CABLE TO AN ELECTRICAL CONNECTION CABLE

Title (de)

VERBINDUNGSEINRICHTUNG ZUR VERBINDUNG VON MINDESTENS EINER SENSORLEITUNG MIT EINER ELEKTRISCHEN ANSCHLUSSLEITUNG

Title (fr)

DISPOSITIF DE CONNEXION SERVANT À CONNECTER AU MOINS UNE LIGNE DE DÉTECTION À UNE LIGNE DE CONNEXION ÉLECTRIQUE

Publication

EP 3721506 A1 20201014 (DE)

Application

EP 18789076 A 20181015

Priority

- DE 102017222012 A 20171206
- EP 2018078114 W 20181015

Abstract (en)

[origin: WO2019110174A1] A connection system (10) is used to connect at least one sensor cable (12) to an electrical connection cable (14). The system comprises a sleeve (22) and a grommet (24) located inside the sleeve (22), at least part of said grommet being made of an elastically deformable material. According to the invention, the grommet (24) comprises at least one through-opening (38) for receiving a coupling section (20) which electrically couples cable ends of the sensor cable (12) and the connection cable (14). Also, according to the invention, at least part of the sleeve (22) is produced from a plastically deformable material and the grommet (24) is fixed in the sleeve (22) by at least one section (34, 36) of the sleeve (22), the section being deformed plastically towards the grommet (24).

IPC 8 full level

H01R 13/52 (2006.01); **H01R 4/70** (2006.01); **H01R 13/533** (2006.01)

CPC (source: EP)

H01R 4/70 (2013.01); **H01R 13/5208** (2013.01); H01R 13/533 (2013.01)

Citation (search report)

See references of WO 2019110174A1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

DE 102017222012 A1 20190606; CN 111433981 A 20200717; EP 3721506 A1 20201014; WO 2019110174 A1 20190613

DOCDB simple family (application)

DE 102017222012 A 20171206; CN 201880078903 A 20181015; EP 18789076 A 20181015; EP 2018078114 W 20181015