

Title (en)

ELECTRICALLY CONDUCTIVE SCREW CONNECTION AND SPECIAL BUSHING FOR A SCREW CONNECTION OF SAID TYPE

Title (de)

ELEKTRISCH LEITENDE SCHRAUBVERBINDUNG UND SPEZIAL-BUCHSE FÜR EINE SOLCHE SCHRAUBVERBINDUNG

Title (fr)

LIAISON VISSÉE ÉLECTROCONDUCTRICE ET DOUILLE SPÉCIALE POUR UNE TELLE LIAISON VISSÉE

Publication

EP 2694824 A1 20140212 (DE)

Application

EP 12725300 A 20120326

Priority

- DE 202011004721 U 20110401
- DE 2012200017 W 20120326

Abstract (en)

[origin: CA2832037A1] An electrically conductive screw connection between two parts (10, 12) which are screwed to one another by means of a screw (16) with a screw head (18) and with a shank (22) with an external thread (24) and by means of a nut (28), wherein the screw (16) runs through a bore (14) in one part (10), wherein the electrical contact between the other part (12) and the screw (16) is produced by teeth (27) on the workpiece-side surface of the screw head (18) and/or of the nut (28) or of a washer (30) arranged between the nut (28) and the other part (12), whereas the contact between the screw (16) and one part (10) is produced by a bushing (34; 34') which is formed so as to be radially elastic and which is arranged coaxially with respect to the shank (22) of the screw (16) in a portion (15) of the bore (14) with an enlarged inner diameter.

IPC 8 full level

F16B 5/02 (2006.01)

CPC (source: EP KR)

F16B 5/02 (2013.01 - KR); **F16B 19/02** (2013.01 - EP); **H01R 4/30** (2013.01 - KR); **H01R 4/304** (2013.01 - EP); **H01R 4/34** (2013.01 - EP); **H01R 13/11** (2013.01 - EP); **F16B 41/002** (2013.01 - EP); **F16B 2200/93** (2023.08 - EP); **H01R 4/64** (2013.01 - EP); **H01R 2201/26** (2013.01 - EP)

Citation (search report)

See references of WO 2012130234A1

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