Title (en)

AN ELECTRICAL CONNECTION TO AN ELECTRICAL CONDUCTOR ROD

Title (de)

ELEKTRISCHE VERBINDUNG ZU EINEM ELEKTRISCHEN LEITERSTAB

Title (fr)

CONNEXION ÉLECTRIQUE À UNE TIGE DE CONDUCTEUR ÉLECTRIQUE

Publication

EP 4297191 A1 20231227 (EN)

Application

EP 22180383 A 20220622

Priority

EP 22180383 A 20220622

Abstract (en)

The present invention relates to an electrical connection arrangement (100) for connecting to an electrical conductor rod (1), the electrical connection arrangement (100) comprises: tubular electrical conductor (102) comprising a tubular end portion (104) with an inner diameter (d1) larger than the outer diameter (d2) of the electrical conductor rod (1), the tubular end portion (104) is adapted to receive an end portion (2) of the electrical conductor rod (1) inside the inner diameter (d1) of the tubular end portion (104), the tubular end portion (104) of the tubular electrical conductor (102) comprises at least one longitudinal cut (106); a clamp (108) adapted to surround an outer diameter (d3) of the tubular end portion (104) of the tubular electrical conductor (102), the clamp (108) is configured to apply a variable force on the tubular end portion (104) to connect the tubular end portion (104) and the end portion (2) of the electrical conductor rod (1) mechanically and electrically.

IPC 8 full level

H01R 4/46 (2006.01); **H01R 4/60** (2006.01)

CPC (source: CN EP)

H01R 4/46 (2013.01 - CN EP); **H01R 4/60** (2013.01 - CN EP)

Citation (search report)

- [A] US 3701929 A 19721031 - TAGUCHI KAZUO, et al
- [A] EP 2590265 A1 20130508 - TYCO ELECTRONICS SIMEL S A S [FR]

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