

Title (en)
ELECTRICAL CONNECTION ELEMENT PENETRATING AN ELECTRICAL WIRE INSULATION SHEATH

Title (de)
ELEKTRISCHES VERBINDUNGSELEMENT, DAS EINEN STROMDRAHTISOLIERUNGSMANTEL PENETRIERT

Title (fr)
ELEMENT DE CONNEXION ELECTRIQUE A PERÇAGE DE GAINE ISOLANTE D'UN FIL ELECTRIQUE

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Application
EP 15817969 A 20151204

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Abstract (en)
[origin: WO2016087799A1] The invention relates to an electrical connection element (10) penetrating an insulation sheath. Said electrical connection element comprises a first slot (11) and a second slot (21) for inserting at least one insulated electrical wire therethrough, each slot being defined by two edges (11A, 11B, 21A, 21B) facing each other, at least one of which is sharp. Said two edges of each of the first and second slots belong, respectively, to two portions (30, 40) of the connection element. Said portions include a central portion (30), flanked by a peripheral portion (40). The edges defining said first and second slots are formed by the two opposite edges of the central portion and the two facing edges of the peripheral portion. Said central portion is tab-shaped (30A), and said peripheral portion is in the form of a generally U-shaped spring leaf (40A) with a base (41), from which two opposite side flanges (42), flanking said tab, rise. According to the invention, said two portions are separate and made of two materials having different electrical conductivities.

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