

Title (en)

Concealed and preferably leaktight electrical butt joint for prefabricated lengths of electrical ducting, preassembled with one of the lengths.

Title (de)

Verborgener und vorzugsweise abgedichteter elektrischer Stoßverbinder für eine vorfabrizierte Tragschiene eines elektrischen Stromschienensystems, vormontiert mit einer der Tragschienen.

Title (fr)

Raccordement électrique dissimulé et de préférence étanche pour un rail d'un système de distribution électrique, prémonté avec un de ces rails.

Publication

**EP 1956688 B1 20091230 (EN)**

Application

**EP 07425067 A 20070206**

Priority

EP 07425067 A 20070206

Abstract (en)

[origin: EP1956688A1] Concealed and leaktight electrical butt joint for prefabricated lengths (1, 69) of electrical ducting, in which a metal enclosure (2, 70) houses at least one support (3) of insulating material having a plurality of rectilinear slots in each of which is housed a conducting bar, the extremities of the support (3) being spaced apart by the enclosure (2), the joint comprising a metal saddle (19) which is inserted to half its length in the extremity of the enclosure (2) on the first length (1) of ducting and its other half in the extremity of the enclosure (70) of a second length (69) abutting the first, the saddle extending in two side members (25, 26) within which there is fixed, to at least one of these side members, in a median position thereof, an electrical connector (20, 21) having the shape of a sleeve which is leaktightly fitted onto the end of the support (3) of each of the lengths which are to be joined, the joint being factory preassembled with one of the lengths.

IPC 8 full level

**H01R 25/14** (2006.01)

CPC (source: EP)

**H01R 25/145** (2013.01)

Cited by

DE102010055789A1; DE102010032383A1; DE102017125231A1; DE102010055789B4; US2017288355A1; US10164388B2; DE102010032383B4; EP2113716A1; EP2113971A1; US10211581B2; US10574007B2; US10135209B1; US10581211B2; US10404023B2; US10707631B2; US10103506B2; US2019067889A1; US10530107B2; US11133629B2; WO2023057637A1; WO2023126306A1

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DOCDB simple family (publication)

**EP 1956688 A1 20080813; EP 1956688 B1 20091230;** AT E453939 T1 20100115; DE 602007004062 D1 20100211; ES 2338177 T3 20100504; PT 1956688 E 20100224

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