

Title (en)

CONNECTING PART FOR MAKING AN ELECTRICALLY CONDUCTING CONNECTION AND PROCESS FOR ATTACHING THE CONNECTING PART TO ITS INSULATING SUPPORT

Publication

EP 0272615 A3 19890830 (DE)

Application

EP 87118706 A 19871217

Priority

DE 3644153 A 19861223

Abstract (en)

[origin: EP0272615A2] A connecting part (10) for making an electrically conducting connection consists of a plate-like base (11) and of retaining limbs (12, 13) which are chamfered and originate from mutually opposite sides of the base, at least one of which is fitted with lateral teeth and can be inserted in a self-locking manner in a slot-like recess (21, 22) of a dielectric material supporting part (18) holding the connecting part. The retaining limb (12, 13) of the connecting part, provided with lateral teeth (15, 16) is in this case initially chamfered by considerably less than 90 angular degrees from the plane of the base (11, 31) and is then swivelled into its slot-shaped recess (21, 22) - deforming the chamfered point of the retaining limb - for permanent attachment of the connecting part to the dielectric material supporting part, its teeth clawing into lateral walls (25, 26) of the slot-shaped recess - crushing or slightly damaging these walls. As a result of the (at least one) retaining limb swivelling rather than longitudinally, axially sliding into the slot-shaped recess, better retention of the connecting part to the dielectric material supporting part is achieved and, at the same time, surface damage to the side walls of the recess is virtually avoided. <IMAGE>

IPC 1-7

H01R 13/41

IPC 8 full level

H01R 13/41 (2006.01); **H01R 4/02** (2006.01); **H01R 4/30** (2006.01)

CPC (source: EP)

H01R 13/41 (2013.01); **H01R 4/02** (2013.01); **H01R 4/30** (2013.01)

Citation (search report)

- [YD] FR 2579369 A1 19860926 - BBC BROWN BOVERI & CIE [DE]
- [Y] US 3493916 A 19700203 - HANSEN WALLACE

Cited by

EP1043809A3; EP0516465A3; EP0893849A3

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