

Title (en)

CONTACT DEVICE FOR THE CONNECTION OF ELECTRICAL CABLE CONDUCTORS TO BUS BARS

Publication

EP 0125489 A3 19850710 (DE)

Application

EP 84103989 A 19840410

Priority

DE 3313193 A 19830412

Abstract (en)

[origin: EP0125489A2] 1. Contact apparatus for the contacting of electrical cable conductors (1) with busbars (15), consisting substantially of a housing of insulating material (14), open at both ends, and of at least one connection lug (2) of large surface area, with at its one end a pair of contact fingers (3, 4) pressed resiliently together and with at its other end a clamping lug (5) for the contacting retention of the cable conductor (1), characterized in that a deflecting tab (21, 22) is attached transversely to the direction of introduction of the connection lug in a wall (20) of the housing of insulating material (14) running approximately parallel to the broad sides of the connection lug (2), which tab is provided in its freely yielding end region with at least one catch (27, 28), which for its part engages behind an edge of a recess (11) in the connection lug - preventing its return - and in that the connection lug has on at least one of its narrow sides a projection (9, 10) which, in the inserted and engaged position of the connection lug in the housing of insulating material (14) comes up against a housing projection (16, 17) protruding into the housing interior and thus prevents an introductory movement of the connection lug going beyond the engagement position.

IPC 1-7

H01R 9/26

IPC 8 full level

H01R 9/26 (2006.01); **H01R 25/14** (2006.01)

CPC (source: EP)

H01R 25/142 (2013.01)

Citation (search report)

- [AD] EP 0012455 A1 19800625 - BBC BROWN BOVERI & CIE [CH]
- [A] FR 92979 E 19690124 - PRONER SA ETS [FR]
- [A] US 4124264 A 19781107 - KATO SHINICHI, et al

Cited by

DE3729454A1; AU606163B2

Designated contracting state (EPC)

AT BE CH DE FR GB LI NL SE

DOCDB simple family (publication)

EP 0125489 A2 19841121; EP 0125489 A3 19850710; EP 0125489 B1 19870520; AT E27385 T1 19870615; DE 3313193 A1 19841018; DE 3463874 D1 19870625; DK 131984 A 19841013; DK 131984 D0 19840229; NO 159047 B 19880815; NO 159047 C 19881123; NO 841444 L 19841015

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