

Title (en)

CONNECTOR WITH A CONNECTOR HOUSING AND TERMINALS AND METHOD FOR FIXING A TERMINAL IN A CONNECTOR HOUSING

Title (de)

ANSCHLUSS MIT EINEM ANSCHLUSSGEHÄUSE UND ANSCHLÜSSEN UND VERFAHREN ZUR BEFESTIGUNG EINES ANSCHLUSSES IN EINEM ANSCHLUSSGEHÄUSE

Title (fr)

CONNECTEUR DOTÉ D'UN BOÎTIER DE CONNECTEUR ET DE TERMINAUX ET PROCÉDÉ DE FIXATION D'UN TERMINAL DANS UN BOÎTIER DE CONNECTEUR

Publication

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Application

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Priority

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Abstract (en)

A connector (1) with a connector housing (4) and at least one terminal (2, 3, 33, 34), said connector housing (4) comprising: a terminal accommodation chamber (5, 6, 7, 8) in which one of said at least one terminal (2, 3, 33, 34) is inserted in an insertion direction (I) parallel to a longitudinal axis (L) of the connector housing (4), a locking recess (35, 36) in said terminal accommodation chamber (5, 6, 7, 8) extending radially therefrom, and a first access opening (20) reaching in a first radial direction traverse said longitudinal axis (L) into said terminal accommodation chamber (5, 6, 7, 8) for inserting a first pressing element (22, 26) of a forming tool, wherein said first access opening (20) is axially aligned with said locking recess (35, 36), said at least one terminal (2, 3, 33, 34) comprising: a locking portion (14) axially aligned with said first access opening (20) and having a radially outward deformed area (24, 25) engaging into said locking recess (35, 36) for locking said terminal (2, 3, 33, 34) against removal out of said terminal accommodation chamber (5, 6, 7, 8) against said insertion direction (I), wherein said connector housing (4) further comprises a second access opening (21) reaching in a second radial direction divergent from the first radial direction into the terminal accommodation chamber (5, 6, 7, 8) for inserting second pressing element (23, 27) of the forming tool, wherein said second access opening (21) is axially aligned with the locking recess (35, 36) of the connector housing (4).

IPC 8 full level

H01R 13/415 (2006.01)

CPC (source: EP)

H01R 13/415 (2013.01)

Citation (applicant)

EP 0622867 A2 19941102 - SUMITOMO WIRING SYSTEMS [JP]

Citation (search report)

- [X] DE 3046506 A1 19820715 - ERICH LUDWIG GMBH & CO KG [DE]
- [A] EP 3118936 A1 20170118 - WAGO VERWALTUNGS GMBH [DE]

Designated contracting state (EPC)

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