

Title (en)

CONNECTION TERMINAL AND SPRING-LOADED TERMINAL CONTACT THEREFOR

Title (de)

VERBINDUNGSKLEMME UND FEDERKRAFTKLEMMKONTAKT HIERZU

Title (fr)

BORNE DE LIAISON ET CONTACT DE BORNE À RESSORT ASSOCIÉ

Publication

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Application

EP 15707331 A 20150226

Priority

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- EP 2015053998 W 20150226

Abstract (en)

[origin: WO2015128407A1] The invention relates to a spring-loaded terminal contact (3) for making contact with electrical conductors, having at least one bus bar (7) and having at least one clamping spring (9), which has a bearing side (10), a clamping side (12) and a spring bow (11) arranged between the bearing side (10) and the clamping side (12). The clamping side (12) extends towards the bus bar and has a spring clamping edge (8) for clamping an electrical conductor introduced in a conductor insertion direction (L) between clamping side (12) and bus bar (7). The bus bar (7) has a clamping edge (6), which together with the spring clamping edge (8) forms a clamping point for the electrical conductor to be clamped. The bus bar (7) has a channel-shaped depression (14) adjacent to the clamping edge (6) in front of the clamping point in the conductor insertion direction (L).

IPC 8 full level

H01R 4/48 (2006.01); **H01R 9/24** (2006.01); **H01R 11/09** (2006.01)

CPC (source: EP KR RU US)

H01R 4/48 (2013.01 - KR RU); **H01R 4/4821** (2023.08 - EP KR RU US); **H01R 4/4852** (2023.08 - EP KR RU US); **H01R 9/24** (2013.01 - KR); **H01R 9/2416** (2013.01 - US); **H01R 11/09** (2013.01 - EP KR US); **H01R 4/483** (2023.08 - EP KR RU US); **H01R 4/485** (2023.08 - EP KR RU US); **H01R 9/24** (2013.01 - EP US); **H01R 2101/00** (2013.01 - EP US)

Cited by

WO2022243292A1; WO2022243284A3; DE102021112961A1; WO2022243284A2; DE102021112960A1

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BA ME

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