Title (en)

CONDUCTOR CONNECTION TERMINAL, CLAMPING SPRING OF A CONDUCTOR CONNECTION TERMINAL AND TERMINAL BLOCK

Title (de)

LEITERANSCHLUSSKLEMME, KLEMMFEDER EINER LEITERANSCHLUSSKLEMME SOWIE REIHENKLEMME

Title (fr)

BORNE DE CONNEXION DE CONDUCTEUR, RESSORT DE SERRAGE D'UNE BORNE DE CONNEXION DE CONDUCTEUR ET BLOC DE JONCTION

Publication

EP 3776742 A1 20210217 (DE)

Application

EP 19714617 A 20190328

Priority

- DE 202018101728 U 20180328
- EP 2019057863 W 20190328

Abstract (en)

[origin: WO2019185799A1] The invention relates to a conductor connection terminal having an insulating material housing, a conductor rail, a clamping spring and an actuating lever, which is received so as to be pivotable over a pivot range in the insulating material housing and is pivotable between an open position and a closed position, the clamping spring having an actuating arm which is deflected by way of a spring entraining element of the actuating lever at least in the open position, characterised in that the actuating lever in the open position is supported on a first support point and on a second support point spaced apart therefrom, and the actuating lever is pulled towards the first and the second support points by a tensile force acting from the actuating lever onto the spring entraining element.

IPC 8 full level

H01R 4/48 (2006.01)

CPC (source: CN EP US)

H01R 4/483 (2023.08 - CN EP); **H01R 4/48365** (2023.08 - US); **H01R 4/48455** (2023.08 - US); **H01R 4/4846** (2023.08 - EP); H01R 4/4821 (2023.08 - CN EP); H01R 4/4835 (2023.08 - EP)

Cited by

GB2621484A

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AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

DE 202018101728 U1 20190701; CN 111903004 A 20201106; CN 111903004 B 20220916; CN 115588857 A 20230110; DE 102019108009 A1 20191002; EP 3776742 A1 20210217; EP 3776742 B1 20240320; EP 4068519 A1 20221005; US 11605907 B2 20230314; US 2021013640 A1 20210114; WO 2019185799 A1 20191003

DOCDB simple family (application)

DE 202018101728 U 20180328; CN 201980022476 A 20190328; CN 202211260015 A 20190328; DE 102019108009 A 20190328; EP 19714617 A 20190328; EP 2019057863 W 20190328; EP 22170265 A 20190328; US 202017035384 A 20200928