

Title (en)

LEAD TERMINAL COMPRISING AT LEAST ONE SPRING-LOADED CLAMPING CONNECTION

Title (de)

LEITERANSCHLUSSKLEMME MIT WENIGSTENS EINEM FEDERKRAFTKLEMMANSCHLUSS

Title (fr)

BORNE DE CONNEXION DE CONDUCTEUR COMPRENANT AU MOINS UN RACCORD DE BORNE À SERRAGE PAR RESSORT

Publication

EP 4342031 A1 20240327 (DE)

Application

EP 22730114 A 20220517

Priority

- DE 102021112960 A 20210519
- EP 2022063286 W 20220517

Abstract (en)

[origin: WO202243292A1] The invention relates to a lead terminal comprising: at least one spring-loaded clamping connection for connection of an electrical conductor by spring force, the spring-loaded clamping connection comprising a clamping spring and a bus bar portion associated with the clamping spring, between which a clamping point for connecting the electrical conductor is formed; and, associated with the spring-loaded clamping connection, a swivelable actuation lever for actuating the clamping spring, the actuation lever having at least one support element, which has a support surface facing the bus bar portion, via which surface the actuation lever is supported on a support portion of the bus bar portion.

IPC 8 full level

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

CPC (source: EP US)

H01R 4/483 (2023.08 - EP US); **H01R 11/09** (2013.01 - EP); **H01R 4/4821** (2023.08 - EP US); **H01R 4/4835** (2023.08 - EP US); **H01R 4/485** (2023.08 - EP US)

Designated contracting state (EPC)

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

DE 102021112960 A1 20221124; CN 117203859 A 20231208; EP 4342031 A1 20240327; JP 2024518111 A 20240424; US 2024088578 A1 20240314; WO 202243292 A1 20221124

DOCDB simple family (application)

DE 102021112960 A 20210519; CN 202280030565 A 20220517; EP 2022063286 W 20220517; EP 22730114 A 20220517; JP 2023571147 A 20220517; US 202318512159 A 20231117