

Title (en)

SPRING-FORCE CLAMPING ELEMENT WITH PIVOTING LEVER

Title (de)

FEDERKRAFTKLEMMELEMENT MIT SCHWENKHEBEL

Title (fr)

ÉLÉMENT DE SERRAGE À FORCE ÉLASTIQUE DOTÉ D'UN LEVIER PIVOTANT

Publication

EP 2987205 A1 20160224 (DE)

Application

EP 14716868 A 20140414

Priority

- DE 202013101582 U 20130415
- EP 2014057531 W 20140414

Abstract (en)

[origin: WO2014170273A1] The invention relates to a spring-force clamping element with a spring housing which has an insertion region for inserting an electric conductor and which is equipped with a busbar and with a clamping spring such that an electric conductor inserted into the spring housing can be clamped between the clamp spring and the busbar. The spring-force clamping element has a pivoting lever which can be pivoted in a pivot direction about a pivot axis in order to release the clamped electric conductor, and the pivoting lever has a contacting shape which pushes the clamping spring in the pivot direction when releasing the conductor, said contacting shape being arranged between an insertion region of the spring housing and the clamping spring.

IPC 8 full level

H01R 4/48 (2006.01)

CPC (source: EP US)

H01R 4/4821 (2023.08 - EP US); **H01R 4/483** (2023.08 - EP US); **H01R 13/633** (2013.01 - US); **H01R 4/4846** (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

DOCDB simple family (publication)

DE 202013101582 U1 20140716; CN 105122550 A 20151202; CN 105122550 B 20190212; EP 2987205 A1 20160224; EP 2987205 B1 20201202; JP 2016519404 A 20160630; JP 6440684 B2 20181219; US 2016049737 A1 20160218; US 9680237 B2 20170613; WO 2014170273 A1 20141023

DOCDB simple family (application)

DE 202013101582 U 20130415; CN 201480021262 A 20140414; EP 14716868 A 20140414; EP 2014057531 W 20140414; JP 2016508118 A 20140414; US 201414782327 A 20140414