

Title (en)

SPRING-FORCE CLAMPING ELEMENT WITH PIVOTING LEVER

Title (de)

FEDERKRAFTKLEMMEELEMENT MIT SCHWENKHEBEL

Title (fr)

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

Publication

EP 2987205 B1 20201202 (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 4/4809 (2013.01 - US); **H01R 4/4821** (2023.08 - EP); **H01R 4/483** (2023.08 - EP); **H01R 4/48365** (2023.08 - US); **H01R 13/633** (2013.01 - US); **H01R 4/4846** (2023.08 - EP)

Citation (examination)

- US 2002074218 A1 20020620 - MORET CODINA MARIA CRISTINA [ES]
- US 2010167573 A1 20100701 - DHANDAPANI KATHIRAVAN [IN], et al

Designated contracting state (EPC)

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DOCDB simple family (publication)

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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