Title (en)

CONTACT SPRING ASSEMBLY FOR THE SELF-LOCKING CONTACTING OF AN ELECTRICAL CONDUCTOR

Title (de)

KONTAKTFEDERANORDNUNG ZUR SELBSTVERRIEGELNDEN KONTAKTIERUNG EINES ELEKTRISCHEN LEITERS

Title (fr)

ENSEMBLE RESSORT DE CONTACT POUR LE CONTACT AUTOBLOQUANT D'UN CONDUCTEUR ÉLECTRIQUE

Publication

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Application

EP 22713856 A 20220228

Priority

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Abstract (en)

[origin: WO2022188920A1] The invention relates to a contact spring assembly for the self-locking contacting of a wire (28) of an electrical conductor, comprising: - a support wall (24) made of a conductive material; - a contact spring (10), which has a base leg (20) held stationary with respect to the support wall and has a clamping leg (18) which, together with the support wall (24), forms an insertion receptacle (26) for the wire (28) of the conductor, the insertion receptacle being tapered in the insertion direction, characterized in that the base leg (20) of the contact spring transitions into a holding leg (22' 22'), which is inserted into a receiving shaft (30) stationary with respect to the support wall (24) and has two detent projections (38), which protrude perpendicularly to the base leg in opposite directions and are locked to mating contours (34) on the walls of the receiving shaft.

IPC 8 full level

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CPC (source: EP KR US)

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