

Title (en)  
DEVICE AND METHOD FOR AUTOMATICALLY TWISTING METAL WIRES, IN PARTICULAR FOR CONNECTING ADJACENT, PREFERABLY MUTUALLY INTERSECTING STRUCTURE ELEMENTS

Title (de)  
VORRICHTUNG UND VERFAHREN ZUM AUTOMATISCHEN VERDRILLEN VON METALLDRÄHTEN, INSBESONDERE ZUM VERBINDEN BENACHBARER, VORZUGWEISE SICH ÜBERKREUZENDER STRUKTURELEMENTE

Title (fr)  
DISPOSITIF ET PROCÉDÉ DE TORSADAGE AUTOMATIQUE DE FILS MÉTALLIQUES, EN PARTICULIER POUR L'ASSEMBLAGE D'ÉLÉMENTS DE STRUCTURE ADJACENTS, DE PRÉFÉRENCE ENTRECROISÉS

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Abstract (en)  
[origin: CA2881754A1] The invention relates to a device, a method and a use of said device (1) for automatically twisting metal wires. The invention relates, in particular, to a device of this kind for connecting adjacent, preferably mutually intersecting structure elements, comprising a wire feed for feeding wire, preferably endless wire, into the device, a wire guiding arch (5), which has an optionally releasable and closable opening (7) and which is provided in order to guide the fed wire in the closed position along the wire guiding arch from a first side (9) of the wire guiding arch to a second side (11) of the wire guiding arch lying opposite the opening, a traction carriage (23), which is provided in order to detect the fed wire on the first side (9) of the wire guiding arch and to pull the wire towards the second side of the wire guiding arch, and a twisting unit (25), which is provided in order to detect the fed wire on both sides of the wire guiding arch and to twist the wire by means of a rotational movement.

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