

Title (en)  
DEVICE FOR CONNECTING REINFORCEMENT BARS FOR REINFORCED CONCRETE AND METHOD FOR PRODUCING SAID DEVICE

Title (de)  
VORRICHTUNG ZUM VERBINDEN VON BEWEHRUNGSSTÄBEN FÜR STAHLBETON UND VERFAHREN ZUR HERSTELLUNG DIESER VORRICHTUNG

Title (fr)  
DISPOSITIF DE LIAISON DE BARRES D'ARMATURE POUR BETON ARME ET SON PROCEDE DE FABRICATION

Publication  
**EP 3695070 A1 20200819 (FR)**

Application  
**EP 18796728 A 20181011**

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• FR 2018052535 W 20181011

Abstract (en)  
[origin: WO2019073181A1] The present invention relates to a method for producing a device (10) for connecting two reinforcement bars (1) for reinforced concrete, the reinforcement bars comprising rough portions (2) on the outer surfaces thereof and conferring a high level of adhesion in concrete, the connection device comprising a tubular support (11) which is open at the two ends thereof and through which the two reinforcement bars are arranged end to end, the tubular support (11) having an inner diameter greater than the outer diameter of the ends of the reinforcement bars which are arranged in the connection device and comprising resilient oblique elements which are referred to as non-return elements (12) and which extend towards the interior of the tubular support and which are intended to cooperate with the rough portions of the ends of the reinforcement bars which are engaged in the tubular support so as to be bent during insertion of the ends of reinforcement bars in the tubular support and to prevent the withdrawal thereof after insertion into the tubular support, the method comprising the following steps: - cutting out a support from a steel plate and cutting, in the support, tongues that, by virtue of their size and position, form the non-return elements (12) of the device, - shaping the support so as to obtain the tubular support (11) of the connection device and - folding the tongues so as to form, in a manner projecting from the inner face of the tubular support, the non-return elements (12) of the device.

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