

Title (en)

A DEVICE FOR SECURING SUPERIMPOSED REINFORCING RODS

Title (de)

VORRICHTUNG ZUM VERBINDELN VON UEBEREINANDERLIEGENDEN ARMIERUNGSSTAEBEN

Title (fr)

DISPOSITIF POUR RELIER DES TIGES D'ARMATURE SUPERPOSEES

Publication

**EP 0704013 B1 19970305 (EN)**

Application

**EP 94918606 A 19940613**

Priority

- NL 9400139 W 19940613
- NL 9301009 A 19930611

Abstract (en)

[origin: WO9429549A1] The invention relates to a method and a device for connecting superimposed reinforcing rods (W), wherein a bent length of connecting wire (K) is placed from one side down over the superimposed rods and the rods are then tightened together by causing the free ends of the bent wire length to be deformed from the opposite side. The connecting wire length is placed in the form of a preshaped staple of a strong and stiff metal. The staple legs are guided in guiding grooves (4) on the inner side of the legs and the cross piece of a substantially U-shaped form piece (1), that is placed from the opposite side over the superimposed rods and is divided along a midplane perpendicular to the plane of the U, in such a way, that the ends of the staple legs are guided - within the cross piece of the form piece - towards or past each other around the rod that is turned away from the cross piece of the staple.

IPC 1-7

**E04G 21/12**

IPC 8 full level

**E04C 5/18** (2006.01); **E04G 21/12** (2006.01)

CPC (source: EP KR)

**E04G 21/122** (2013.01 - EP); **E04G 21/123** (2013.01 - KR)

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB IT LI NL SE

DOCDB simple family (publication)

**WO 9429549 A1 19941222**; AT E149615 T1 19970315; DE 69401942 D1 19970410; DE 69401942 T2 19970703; EP 0704013 A1 19960403; EP 0704013 B1 19970305; JP H08511312 A 19961126; KR 960702881 A 19960523; NL 9301009 A 19950102

DOCDB simple family (application)

**NL 9400139 W 19940613**; AT 94918606 T 19940613; DE 69401942 T 19940613; EP 94918606 A 19940613; JP 50161595 A 19940613; KR 19950705583 A 19951208; NL 9301009 A 19930611