

Title (en)

METHOD AND DEVICE FOR CLENCHING REINFORCEMENT BARS

Title (de)

METHODE UND VORRICHTUNG ZUM ZUSAMMENKLEMMEN VON BEWEHRUNGSEISEN

Title (fr)

PROCEDE ET DISPOSITIF DE SERRAGE DE BARRES D'ARMATURE

Publication

EP 1147271 A1 20011024 (EN)

Application

EP 99957455 A 19991126

Priority

- SE 9902198 W 19991126
- SE 9804114 A 19981130

Abstract (en)

[origin: WO0036249A1] The invention relates to a method and a device for producing a tie connection holding together at least two elongated elements (14). In this the tie wire (1) is fed from a wire supply by means of a wire feed mechanism (3) guided by a wire bending and wire guiding device (12) to a predetermined point, so that it describes a loop (1a) around the elements (14). At the said point the end of the wire is held in a rotation head and the wire feed mechanism is made to reverse. In so doing the wire leaves the wire bending and wire guide device (12) and the loop is tightened around the elements (14). At a predetermined tensile stress in the wire loop the wire is cut off at a point between the rotation head and the wire feed mechanism in that the rotation head begins to rotate. In so doing the ends (1b1, 1b2) of the loop (1b) are gradually twisted together, the ends being held by frictional engagement so that there is a certain tensile stress at the ends of the wire during the twisting operation.

IPC 1-7

E04G 21/12

IPC 8 full level

E04G 21/12 (2006.01)

CPC (source: EP)

E04G 21/122 (2013.01); **E04G 21/123** (2013.01)

Citation (search report)

See references of WO 0036249A1

Designated contracting state (EPC)

BE DE DK FI GB NL

DOCDB simple family (publication)

WO 0036249 A1 20000622; EP 1147271 A1 20011024; SE 512867 C2 20000529; SE 9804114 D0 19981130; SE 9804114 L 20000529

DOCDB simple family (application)

SE 9902198 W 19991126; EP 99957455 A 19991126; SE 9804114 A 19981130