

Title (en)

DEVICE FOR TYING RODS, BARS OR THE LIKE USING A FLEXIBLE METALLIC WIRE

Publication

EP 0332532 B1 19910821 (FR)

Application

EP 89400643 A 19890308

Priority

FR 8803014 A 19880309

Abstract (en)

[origin: EP0332532A1] The instant tying of longitudinal parts by means of portable pliers. The device comprises an upper nose piece 3 which can move in translation and a groove for holding the bars to be tied formed by a fixed lower nose piece 2 and a guide 4 for the upper nose piece in the form of a fork. The mobile nose piece 3 is stressed by a spring 29 in the direction of the lower nose piece 2 and its end is provided with a gripping hook 16, such a roller connecting two spaced sheets, such that, the free end of the tying wire passing through the opening of the hook of the mobile nose piece, the wire is shaped into a loop around the bars to be tied 12, following their grouped perimeter exactly. It allows the tying of packets of bars, the packets being of varying volumes, because the binding works without preforming the wire into a loop using a template of fixed dimensions.
<IMAGE>

IPC 1-7

B65B 13/02

IPC 8 full level

B65B 13/02 (2006.01); **B65B 13/28** (2006.01)

CPC (source: EP)

B65B 13/285 (2013.01); **E04G 21/123** (2013.01)

Cited by

CN107849858A; CN1043332C; FR3132042A1; US9255415B2; US8607696B2; WO0194206A1; US10961729B2; US12054958B2; WO2023143948A1

Designated contracting state (EPC)

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