

Title (en)

A wire tying tool for preferably longitudinally extending members.

Title (de)

Drahtbindewerkzeug für vorzugsweise stangenförmiges Material.

Title (fr)

Appareil de ligature par un fil, pour des éléments de préférence en forme de barre.

Publication

EP 0023478 A1 19810204 (EN)

Application

EP 80850114 A 19800722

Priority

SE 7906438 A 19790727

Abstract (en)

A tool for binding and tying preferably longitudinally extending members (15, 15 min) by means of bare or covered metallic wire (10), said tool being driven by means of energy from an outer energy source, such as an electrical, pneumatical or other energy source, feeding a drive motor in the tool, said tool including a rotatably arranged wire guide (6) at an operational end portion of the tool, having a curved sector not exceeding 180 DEG removed, and a through hole (8) extending between two side planes of the wire guide (6) in a mainly opposed position to the removed section, a trigger device (3), when manually operated, being arranged to actuate a feeding means (12, 12 min), arranged to insert the free end portion of the wire (10) stored on a wire hopper (2) in the handle of the tool through the hole (8) located in the wire guide (6), whereafter the wire guide (6) is arranged to perform a rotary movement in the region of 360 DEG , during the initial stage of said movement locking the free end portion of the wire (10) to the wire guide (6), said wire (6) during progress of said rotary movement being moved around the members (15, 15 min) to be bound and tied, a wire cutting member (16) and a wire twisting means (17) being arranged to be activated as a final step in each operational sequence, thus joining the free end portions of the wire (10) surrounding the members (15, 15 min) by means of a twisting operation.

IPC 1-7

B25B 25/00

IPC 8 full level

B21F 15/00 (2006.01); **B25B 25/00** (2006.01); **E04G 21/12** (2006.01)

CPC (source: EP)

B21F 15/00 (2013.01); **B25B 25/00** (2013.01); **E04G 21/122** (2013.01); **E04G 21/123** (2013.01)

Citation (search report)

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