

Title (en)

A GUIDING DEVICE FOR A MACHINE FOR WINDING WIRE-LIKE GOODS.

Title (de)

FÜHRUNGSVORRICHTUNG FÜR EINE MASCHINE ZUM AUFWICKELN DRAHTFÖRMIGER GÜTER.

Title (fr)

DISPOSITIF DE GUIDAGE POUR L'ENROULEMENT D'ARTICLES RESSEMBLANT A DU FIL.

Publication

EP 0516696 B1 19950503 (EN)

Application

EP 91904886 A 19910220

Priority

- FI 9100054 W 19910220
- SE 9000662 A 19900223

Abstract (en)

[origin: WO9113020A1] A device in a machine for winding a cable (4) on a flanged reel (2), comprising a support frame (1) for supporting the reel rotatably around its axis; and a distributor (3) for passing the cable (4) on the reel to form superimposed layers of adjacent cable turns (10). In order to wind the cable turns closely together while preventing an inadvertent climbing of the cable by means of a hold-down element (6), the hold-down element is arranged to exert on the cable a force such that the cable itself lifts up the hold-down element in the vicinity of the reel flanges (12) to begin a new cable layer; the distributor and the support frame being arranged to be displaced at constant speed with respect to each other, so that the deviation angle (A) is allowed to vary at the S-shaped transitions (11) between adjacent cable turns (10) but is kept constantly backwardly directed between the reel flanges; and the distributor (3) being arranged to displace the cable a distance equal to one cable thickness in either direction away from the axis of the cable in the vicinity of the reel flanges.

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