

Title (en)
METHOD AND DEVICE FOR COILING FLEXIBLE ELONGATED ELEMENTS TO IN A LINE ARRANGED FRACTIONAL COILS AND WRAPPING THESE WITH A PROTECTIVE FILM OF FLEXIBLE MATERIAL AND A PACKING OF WRAPPED COILS MANUFACTURED IN ACCORDANCE WITH THE METHOD OF THE INVENTION

Title (de)
VERFAHREN UND VORRICHTUNG ZUM AUFWICKELN VON FLEXIBLEN LÄNGLICHEN ELEMENTEN AUF IN REIHEN AUFGESTELLTEN TEILROLLEN, UND ZUM UMHÜLLEN DIESELBEN MIT FLEXIBLEN SCHUTZFOLIE UND VERPACKEN VON GEMÄSS DIESEM VERFAHREN UMHÜLLTEN ROLLEN

Title (fr)
PROCEDE ET DISPOSITIF PERMETTANT D'EMBOBINER DES ELEMENTS ALLONGES ET FLEXIBLES EN BOBINES FRACTIONNELLES DISPOSEES EN LIGNE ET D'EMBALLER CES DERNIERES A L'AIDE D'UN FILM PROTECTEUR FAIT D'UN MATERIAU FLEXIBLE, ET EMPAQUETAGE DE BOBINES EMBALLEES OBTENUES D'APRES CE PROCEDE

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Abstract (en)
[origin: WO9915409A1] The present invention concerns a procedure and an arrangement for winding flexible, elongated elements (5) onto reels and wrapping these with a protective film of elastic material, whereby the element is wound around a drum (2) turning around an axis (3) where the number of rotations is guided by details of the pre-determined length on the reel, the flexible element is arranged to run through a feeding mechanism (4) that via its displacement relative to the drum, guides the flexible element so that it is taken up onto the drum with evenly spaced turns, the element during winding is guided to keep its position for forming the reel within an axially limited area by means of a set of guiding devices (22, 22') projecting radially and in the same radial plane out from the drum and separated at a distance from one another along the periphery of the drum, so that in this way, the element wound on a reel is provided with a wrapping of elastic film (7) by being rotated. To continuously carry out the process for winding the flexible element onto a pre-determined number of partial reels or segments arranged in a row along the drum and wrapping these with elastic film, a first and second set or ring (34, 35) of guiding devices (22, 22') are selectively arranged to move in synchrony with the rotation of the drum (2) in a continuous cyclical track that is primarily oriented to run parallel with the axis of rotation (3) of the drum.

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