Title (en)

DEVICE FOR DETECTING THE PROPERTIES OF A WINDING MATERIAL

Title (de)

VORRICHTUNG ZUM ERKENNEN VON EIGENSCHAFTEN EINES SPULGUTES

Title (fr)

DISPOSITIF D'IDENTIFICATION DE PROPRIÉTÉS D'UN PRODUIT ENROULÉ

Publication

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Application

EP 08700291 A 20080128

Priority

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Abstract (en)

[origin: WO2008092179A1] The invention relates to a bobbin (1) with a plurality of wound layers of strip- or thread-shaped winding material (3), at least one marking (M) being provided for displaying the properties of the winding material, characterized in that the winding material (3) is wound with the same laying angle as outside the marking and in at least one layer over a width that deviates substantially from the nominal winding width (B_N) of the bobbin (1). In order to produce such a marking (M), winding material having the same laying angle as outside the marking is wound in at least one layer over a width that deviates substantially from the nominal winding width (B_N) of the bobbin. A device is provided for detecting such a marking (M), comprising at least one thread sensor (6) for detecting the transverse movement of the winding material as it is unwound. The output signal of the thread sensor is supplied to an evaluation unit (7) which emits a marking signal (S_M) in the event that, during unwinding, the winding material exceeds a width of the bobbin which deviates substantially from the nominal winding width.

IPC 8 full level

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CPC (source: EP)

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