

Title (en)

DEVICE FOR MEASURING THE THICKNESS AND/OR UNEVENNESS OF WADDING OR NON-WOVENS

Title (de)

VORRICHTUNG ZUM MESSEN DER DICKE UND/ODER DER UNGLEICHMÄSSIGKEIT VON WATTEN ODER VLIESEN

Title (fr)

DISPOSITIF POUR MESURER L'ÉPAISSEUR ET/OU L'INÉGALITÉ D'OUATES OU DE NON-TISSÉS

Publication

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Application

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Abstract (en)

[origin: WO9736031A1] The invention concerns a device for measuring the thickness and/or unevenness of wadding or non-wovens. The device has a guide element (30) for the wadding or non-wovens and a thickness sensor (26, 27, 28) which presses the wadding or non-wovens against the guide element and can move relative to the latter, the position of the sensor providing a measure of the thickness and/or unevenness of the wadding or non-wovens. To achieve a simpler and cheaper design without sacrificing measurement accuracy, an individual sensor is provided with a translation element (31) which converts the deflections of the individual sensor in one direction into a path signal available in another direction. This allows signals corresponding to the deflections of several individual sensors to be added together and applied to a single common path measurement system (32).

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