

Title (en)

METHOD AND DEVICE FOR MEASURING THE WEIGHT OF AN ENDLESS FLOW OF WEB-SHAPED FIBER MATERIAL

Title (de)

VERFAHREN UND VORRICHTUNG ZUR MESSUNG DES GEWICHES EINES ENDLOSEN STROMES BAHNFÖRMIGEN FASERMATERIALS

Title (fr)

PROCÉDÉ ET DISPOSITIF SERVANT À MESURER LE POIDS D'UN FLUX SANS FIN D'UN MATÉRIAU FIBREUX EN BANDE

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Abstract (en)

[origin: WO2011110145A1] The invention relates to a method and device for measuring the weight of an endless flow of web-shaped fiber material, which is conveyed on a circulating conveyor belt, wherein a signal corresponding to the weight of the fiber material on the conveyor belt is generated by means of an associated measuring system and said signal is used in particular to control a machine that processes the fiber material. According to the invention, a signal corresponding to the mass per unit area and the weight per unit area of the material is determined downstream of the measuring system (GS, TBW) of the conveyor belt (TBW) in the conveying direction. The signal is considered in the evaluation of the weight signal detected in the area of the circulating conveyor belt (TBW). In addition, a signal of a measuring device (M) for determining the mass per unit area and the weight per unit area of the fiber material (F, V) is fed to an evaluating device (A), wherein the measuring device (M) is arranged downstream of the conveyor belt (TBW) in the conveying direction.

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