

Title (en)  
APPARATUS FOR ESTABLISHING MEASURING VALUES CORRESPONDING TO THE MATERIAL CROSS-SECTION AREA OF FIBRE SLIVERS PROCESSED IN SPINNING PREPARATION.

Title (de)  
APPARAT ZUM ERSTELLEN VON MESSWERTEN, KORRESPONDIEREND MIT DEM MATERIALQUERSCHNITT VON FASERSTRÄHNEN IN DER SPINNVORBEREITUNG.

Title (fr)  
APPAREIL D'ETABLISSEMENT DE VALEURS DE MESURE CORRESPONDANT A LA SECTION DE MECHES DE FIBRES EN PREPARATION DE FILAGE.

Publication  
**EP 0007373 A1 19800206 (EN)**

Application  
**EP 78900223 A 19790716**

Priority  
CH 1586577 A 19771222

Abstract (en)  
[origin: WO7900419A1] The apparatus permits establishment of measuring values, yielding measuring values being representative of the material cross-section area solely of fibre slivers. A throughput duct converging, as seen in the direction of transport of the fibre sliver, is used into which two pressure measuring ducts (5 and 6) merge at two measuring points (3 and 4) at which the duct diameter is different. The two measuring ducts transmit measuring signals which are further processed in a division circuit arrangement (11), which yields an output signal (12). The output signal is used for fibre sliver control or measuring purposes on machines processing fibre slivers or on spinning machines processing such fibre slivers further.

Abstract (fr)  
L'appareil permet d'établir des valeurs de mesure, des valeurs de mesure de l'accroissement correspondant a la section des meches de fibres de preparation. On utilise une conduite de debit convergente, placee dans le sens de transport de la meche de fibres, dans laquelle arrivent deux tubes de mesures a pression (5 et 6) en deux points de mesure (3 et 4) ou le diametre de la conduite est different. Les deux tubes de mesure transmettent des signaux de mesure qui sont ensuite traites par un dispositif de circuit (11) qui produit un signal de sortie (12). Le signal de sortie est utilise pour controler ou mesurer les meches de fibres sur des machines de traitement de meches de fibres ou sur des machines a filer traitant ces meches de fibres.

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IPC 8 full level  
**G01B 13/08** (2006.01); **B65H 63/06** (2006.01); **D01G 23/06** (2006.01); **D01H 13/22** (2006.01); **G01B 13/20** (2006.01)

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**CH 1586577 A 19771222**; AR 27479278 A 19781213; AT 748478 A 19781018; BE 192546 A 19781222; DE 2857279 T 19781014; EP 7800018 W 19781014; EP 78900223 A 19790716; ES 476694 A 19781215; IT 2904778 A 19781024; JP 50005778 A 19781014; NL 7810847 A 19781031