

Title (en)

Device for measuring the thickness and/or the unevenness of slivers.

Title (de)

Vorrichtung zum Messen der Dicke und/oder der Ungleichmässigkeit von Faserbändern.

Title (fr)

Dispositif de mesure de l'épaisseur et/ou de l'inégalité de rubans de fibres.

Publication

EP 0460442 B1 19950118 (DE)

Application

EP 91108075 A 19910518

Priority

CH 183290 A 19900530

Abstract (en)

[origin: EP0460442A1] The device comprises a pair of rollers (6, 7) limiting two sides of a rectangular measuring space (3) which is closed on three sides and on the fourth side of which is arranged a measuring member (5) for the thickness or unevenness of the sliver. The third side of the measuring space (3) is closed off by a guide roller (8) or by a guide plate, and the rollers (6, 7) serve for compacting the sliver in the measuring space. The measuring member (5) is formed by a leaf spring equipped with strain gauges. <??>As a result, on the one hand, the measuring accuracy of known devices rises because the sliver is driven actively at the measuring point, thus leading to an increase in the compaction of the sliver and therefore to an increase in the measuring accuracy dependent on the compaction, and, on the other hand, the inertia of the measuring member is very low. <IMAGE>

IPC 1-7

D01H 13/32; **G01B 7/06**

IPC 8 full level

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EP 0460442 A1 19911211; **EP 0460442 B1 19950118**; AT E117383 T1 19950215; CH 681310 A5 19930226; DE 59104291 D1 19950302; JP 2943087 B2 19990830; JP H04228673 A 19920818; US 5123280 A 19920623

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