

Title (en)

Method and device for treating a widthwise stretched textile web

Title (de)

Verfahren und Vorrichtung zum Behandeln einer breitgestreckten, textilen Warenbahn

Title (fr)

Procédé et dispositif pour le traitement d'une bande de matière textile étirée en largeur

Publication

EP 1688523 B1 20080102 (DE)

Application

EP 05100574 A 20050128

Priority

EP 05100574 A 20050128

Abstract (en)

[origin: EP1688523A1] Fabric is mercerized after impregnation in a stenter under tension while supported by the stenter pins (14). Additional transverse stretch is applied mechanically near the entrance to the stenter in the edge region (R1), e.g. by intermeshing grooved rollers (4, 5). The region (R1) comprises 2 to 40 % of the fabric width. Additional dilute caustic soda spray (8) is applied in this region (R2) and removed by a suction arrangement (10). An independent claim is included for a device for applying additional mechanical stretch to both edge regions at the stenter entrance, e.g. by intermeshing grooved and ribbed rollers of a width preferably no greater than 5 % of the stenter width. The distance between rollers is adjustable (z) and the grooves are 1.5 to 2.5 times the width of the ribs. Alternative stretching devices can also be used.

IPC 8 full level

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CPC (source: EP)

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DOCDB simple family (publication)

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