

Title (en)

Method and apparatus for the compressive shrinking of textile fabrics

Title (de)

Verfahren und Vorrichtung zum Kompressivkrumpfen von Textilbahnen

Title (fr)

Procédé et dispositif pour le rétrécissement par compression des étoffes textiles

Publication

EP 0955403 A1 19991110 (EN)

Application

EP 98107987 A 19980430

Priority

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Abstract (en)

The invention relates to a method and an apparatus for the compressive shrinking of textile fabrics, preferably knitted fabrics, in either tubular or open-width form. In the order as seen in the direction of conveyance of the fabric through the apparatus, the apparatus comprises a fabric steaming and moisturising unit (B) and at least one first compressive shrinking module (C1) with substantially identical first (c1) and second (c2) compressive shrinking sections arranged in series to compressively shrink a respective side of the fabric (24, 24'), each compressive shrinking section (c1;c2) having a fabric support belt (7;13) guided between a fabric support belt deflection roller (9;15) and a heatable fabric belt support roller (10;16). To increase productivity while maintaining the same level of quality, the ratio between the diameter of the fabric support belt deflection roller and the thickness of the fabric support belt of each compressive shrinking section ranges between substantially 6:1 and 4:1, and the ratio between the diameter of the fabric belt support roller and the thickness of the fabric support belt of each compressive shrinking section ranges between substantially 15:1 and 6.5:1. <IMAGE>

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Citation (search report)

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