

Title (en)

Method and device for drying and shrinking textiles

Title (de)

Verfahren und Vorrichtung zum Trocknen und Krumpfen von textiler Ware

Title (fr)

Procédé et dispositif pour le séchage et le rétrécissement de textiles

Publication

**EP 0733733 A1 19960925 (DE)**

Application

**EP 95810185 A 19950320**

Priority

- EP 95810185 A 19950320
- AU 6082896 A 19960730
- CA 2181962 A 19960724
- EP 95810058 A 19950131
- US 59491296 A 19960131

Abstract (en)

A process for continuously drying and shrinking of knitted or woven material (1) entails leading it damp inside a passage (4) formed between two endless upper (2) and lower (3) air-permeable circulating guide belts to be dried from both sides at one or more drying stations (5, 6, 7) formed by opposing hot air jets (8, 9) directed towards and displaced w.r.t one another. The flow direction out the hot air jets is, for most of the shrink zone directed against the web flow direction (D) at an angle (  $\alpha$  ) tilted w.r.t the vertical between 1 and 40 degrees with such force that, during operation, the web is not moved gradually along the belts. Also claimed is the appts. used for the process.

Abstract (de)

Um eine verbesserte Krumpfwirkung zu erhalten, verläuft die Ausströmrichtung (I) der Heissluftdüsen (8,9) in mindestens einem Teil der Krumpfzone der Vorrichtung entgegen der Warenbahndurchlaufrichtung (D) um einen Winkel ( $\alpha$ ) im Bereich von 1 bis 40° gegenüber einer Vertikalen geneigt.  
<IMAGE> <IMAGE>

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CPC (source: EP)

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Citation (search report)

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- [A] DE 2623671 A1 19761202 - MONSANTO CO
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**EP 0733733 A1 19960925**; BR 9600262 A 19971223; CA 2181962 A1 19980125; CA 2181962 C 20050524; CN 1083030 C 20020417; CN 1134479 A 19961030; CZ 28396 A3 19960814; DE 59504261 D1 19981224; EP 0725178 A1 19960807; EP 0725178 B1 19981118; EP 0725178 B2 20050427; ES 2126862 T3 19990401; GR 3029330 T3 19990528; JP H08232163 A 19960910; TR 199600078 A1 19970321; US 5943747 A 19990831

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