

Title (en)

Method and device for drying and shrinking of textile fabric

Title (de)

Verfahren und Vorrichtung zum Trocknen und Krumpfen von textiler Ware

Title (fr)

Procédé et dispositif de séchage et de rétrécissement d'étoffe textile

Publication

EP 0725178 B1 19981118 (DE)

Application

EP 95810058 A 19950131

Priority

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- AU 6082896 A 19960730
- CA 2181962 A 19960724
- US 59491296 A 19960131

Abstract (en)

[origin: EP0733733A1] 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 (α) 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.

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CPC (source: EP)

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Citation (examination)

"Allgemeine Trocknungs-und Krumpftheorie für Web-und Maschenware aus Baumwolle" aus "Textilveredelung 32 (1997), Nr. 1/2.

Cited by

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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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