

Title (en)

APPARATUS FOR CONTROLLING SHRINKAGE OF A FIBER WEB DURING A DRYING PROCESS, ASSOCIATED METHOD, AND FIBER WEB PRODUCED ACCORDING TO THE METHOD

Title (de)

VORRICHTUNG ZUR BEARBEITUNG DES SCHRUMPFENS EINER PAPIERBAHN BEIM TROCKENVERFAHREN, VERFAHREN UND NACH DIESEM VERFAHREN HERGESTELLTE FASERBAHN

Title (fr)

APPAREIL POUR REGULER LE RETRECISSEMENT D'UNE BANDE DE FIBRES LORS DU SECHAGE, PROCEDE CORRESPONDANT ET BANDE DE FIBRES PRODUITE SELON CE PROCEDE

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Application

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Abstract (en)

[origin: WO0138634A1] A drying section comprising a plurality of drying section members, for drying and controlling shrinkage of a moist fiber web in a paper making machine is provided. The drying section members comprise a first drying section member and a second drying section member, separated from each other so as to define an intermediate zone therebetween. The drying section further comprises a primary belt set having a belt member wrapping about each of the opposed ends of each of the drying section members. The drying section also comprises a first web-contacting element opposing the primary belt set, at least substantially through the intermediate zone, such that the web is disposed therebetween. The first web-contacting element cooperates with the primary belt set so as to at least partially constrain the web about the opposed transverse ends thereof to thereby control at least transverse shrinkage of the web. The invention is suitable for printing paper, paperboard or liner. An associated method and fiber web produced according to the method are also provided.

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