

Title (en)  
METHOD OF TREATING A FIBER WEB AND A TREATMENT SYSTEM FOR TREATMENT OF A FIBER WEB

Title (de)  
PROCÉDÉ DE TRAITEMENT D'UNE BANDE DE MATIÈRE FIBREUSE ET SYSTÈME DE TRAITEMENT POUR LE TRAITEMENT D'UNE BANDE DE MATIÈRE FIBREUSE

Title (fr)  
PROCÉDÉ DE TRAITEMENT D#UNE NAPPE DE FIBRES ET UN SYSTÈME DE TRAITEMENT POUR LE TRAITEMENT D#UNE NAPPE DE FIBRES

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Application  
**EP 21170343 A 20190708**

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Abstract (en)  
The invention relates to a method of treating a fiber web, in which method the fiber web is sized in a sizer (10), in which the sizing agent (T) is applied onto the fiber web by two hard sizing rolls (11,12) in a sizing nip (N). The fiber web (W) is sized with high solids content sizing agent (T) by indirect curtain sizing in a curtain sizer (10) and in the sizing nip (N) at substantially uniform pressure distribution and uniform speed in cross-direction of the fiber web (W). The fiber web (W) running substantially upwards is sized in the curtain sizer (10). The invention also relates to a treatment system for treatment of a fiber web, which system comprises a sizer (10) comprising sizing rolls (11,12) forming a sizing nip (N). The sizer is a curtain sizer (10) with indirect application of sizing agent (T) in high solids content and one of which hard sizing rolls is a deflection compensated roll and a substantially straight sizing nip is formed. In the curtain sizer (10) run of the fiber web (W) is substantially upwards.

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Citation (applicant)  
"Papermaking Science and Technology", 2009, PAPER ENGINEERS' ASSOCIATION

Citation (search report)

- [I] DE 10012344 A1 20010920 - VOITH PAPER PATENT GMBH [DE]
- [I] US 5378497 A 19950103 - JOHNSON DEAN R [US], et al
- [I] DE 102018100924 A1 20180802 - VOITH PATENT GMBH [DE]

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