

Title (en)

METHOD OF TREATING A FIBER WEB AND A TREATMENT SYSTEM FOR TREATMENT OF A FIBER WEB

Title (de)

VERFAHREN ZUR BEHANDLUNG EINES FASERVLESSES UND BEHANDLUNGSSYSTEM ZUR BEHANDLUNG EINES FASERVLESSES

Title (fr)

PROCÉDÉ DE TRAITEMENT D'UNE BANDE DE MATIÈRE FIBREUSE ET SYSTÈME DE TRAITEMENT POUR LE TRAITEMENT D'UNE BANDE DE MATIÈRE FIBREUSE

Publication

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Application

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Abstract (en)

[origin: EP3617403A1] 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). After the sizing the fiber web (W) is heat-treated in a heat-treatment zone (Z) of a heat-treatment device (20). 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 system further comprises a heat-treatment device (20) comprising a heat-treatment zone (Z). 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.

IPC 8 full level

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