

Title (en)

METHOD OF PRODUCING A CELLULOSE FIBER STRUCTURE AND A FIBER STRUCTURE

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER CELLULOSEFASERSTRUKTUR UND FASERSTRUKTUR

Title (fr)

PROCÉDÉ DE PRODUCTION D'UNE STRUCTURE EN FIBRES CELLULOSIQUES ET STRUCTURE EN FIBRES

Publication

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Application

EP 21914814 A 20211217

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Abstract (en)

[origin: WO2022144681A1] The invention discloses a method for producing a three-dimensional molded article from cellulose fibers, comprising the steps of: -providing a pulp molding composition; -molding a three-dimensional precursor structure from said composition wherein said structure comprises a dry content between 15-80wt%; -providing an aqueous suspension comprising microfibrillated cellulose and wet strength agent; -applying the aqueous suspension onto at least one face of said precursor structure to create a surface barrier layer on said structure; and -dewatering and drying said molded precursor structure under elevated temperature >150 °C to a dry content of ≥88wt%, preferably ≥94wt%, more preferably ≥96% to achieve the three- dimensional molded article.

IPC 8 full level

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Citation (search report)

See references of WO 2022144681A1

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