

Title (en)
METHOD FOR MANUFACTURING NANOFIBRILLATED CELLULOSE PULP AND USE OF THE PULP IN PAPER MANUFACTURING OR IN NANOFIBRILLATED CELLULOSE COMPOSITES

Title (de)
VERFAHREN ZUR HERSTELLUNG EINER NANOFIBRILLIERTEN ZELLULOSEPULPE UND VERWENDUNG DER PULPE BEI DER PAPIERHERSTELLUNG IN NANOFIBRILLIERTEN ZELLULOSE-VERBUNDSTOFFEN

Title (fr)
PROCÉDÉ DE FABRICATION DE PÂTE À PAPIER À BASE DE CELLULOSE NANO-FIBRILLÉE ET UTILISATION DE PÂTE À PAPIER DANS LA FABRICATION DE PAPIER OU DANS DES COMPOSITES À BASE DE CELLULOSE NANO-FIBRILLÉE

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Abstract (en)
[origin: WO2011064441A1] The invention relates to a method for manufacturing pulp. The manufactured pulp contains at least 30 w-% nanofibrillated cellulose material measured from the dried pulp. The method comprises the following stages: introducing raw material to a system which raw material includes cellulose, dosing at least one type of an optical brightening agent as a refining additive to the system, and refining the raw material in the presence of the dosed optical brightening agent in at least one pre-refining stage or fibrillation stage in order to form fibrillar cellulose material. The invention further relates to a use of the produced pulp in nanofibrillated cellulose composites or in paper or paperboard manufacturing including base paper production and finishing stages, including, for example, paper and paperboard coatings.

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Citation (opposition)
Opponent : [Stora Enso OYJ](#)
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US10731298B2

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