

Title (en)
DISINTEGRATED AND DECOMPACTED CELLULOSE-BASED VEGETABLE FIBRE MATERIALS USE AND METHOD FOR ACQUISITION AND PRODUCTION

Title (de)
DESINTEGRIERTE UND DEKOMPAKTIERTE CELLULOSE-BASIERTE PFLANZENFASERSTOFFE. VERWENDUNG UND VERFAHREN ZUR GEWINNUNG UND HERSTELLUNG

Title (fr)
MATIÈRES FIBREUSES CELLULOSIQUES D'ORIGINE VÉGÉTALE DÉSINTÉGRÉES ET DÉCOMPACTÉES, UTILISATION ET PROCÉDÉ POUR LEUR OBTENTION ET LEUR FABRICATION

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Application
EP 18712260 A 20180327

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Abstract (en)
[origin: WO2018178121A1] The invention relates to separated, decompacted, cellulose-based fibres acquired from a vegetable raw material, wherein the separated, decompacted, cellulose-based fibres have an aspect ratio after soaking in water of longitudinal diameter to transverse diameter of 1:1 to 1000:1 and a water-binding capacity of >200 wt.% and a water retention capacity of >50%, and a method for acquiring and producing these separated, decompacted cellulose-based fibres. The purification method involves incubation of the vegetable material with an aqueous decomposition solution containing at least one dissolved amino acid and/or peptide with 2-50 amino acids to decompose the compacted cellulose-based fibres.

IPC 8 full level
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C-Set (source: EP)
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