

Title (en)

METHOD FOR TREATING A FIBRE SUSPENSION STREAM

Title (de)

VERFAHREN ZUR BEHANDLUNG EINES FASERSUSPENSIONSSTROMES

Title (fr)

PROCÉDÉ DE TRAITEMENT D'UN FLUX DE SUSPENSION DE FIBRES

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Application

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Abstract (en)

[origin: WO2018210495A1] The invention relates to a method for treating a fibrous material suspension stream which is formed at least partially from used paper, in particular OCC, said method at least comprising a dissolution and a fractionation stage (13) for forming a long-fibre fraction stream (2) and a first short-fibre fraction stream (3.1), the long-fibre fraction stream (2) being conducted into a first grinding stage (15.2) and ground. The method according to the invention is characterised in that the first short-fibre fraction stream (3.1) is conducted, preferably directly, into a separation stage (14) for forming a first fine material filler stream (4.1) and a second short-fibre fraction stream (3.2), and that at least some of the first fine material filler stream (4.1) is conducted into a grinding stage (15.4) and/or at least some of the second short-fibre fraction stream (3.2) is conducted into the grinding stage (15.4) and/or into a further grinding stage (15.3) and ground.

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