

Title (en)

BLEACHED AND UNBLEACHED FIBROUS PAPER PULPS AND A METHOD FOR PRODUCING THE SAME

Title (de)

GEBLEICHTE UND UNGEBLEICHTE PAPIERFASERPULPEN UND VERFAHREN ZU DEREN HERSTELLUNG

Title (fr)

PATES A PAPIER FIBREUSES BLANCHIES ET NON BLANCHIES, ET METHODE DE PRODUCTION DE CES PATES

Publication

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Application

EP 04793748 A 20041027

Priority

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Abstract (en)

[origin: WO2005042838A1] Highly efficient fibrous paper pulps are produced according to the invention from stems of the plant *Sida hermaphrodita* Rusby, which is characterised by the absence of resinous substances, lignin contents lower than in the wood, and a high proportion of long phloem fibres. Gaining and preparing a raw material for a technological process is waste-free, low energy-consuming and labour-consuming. Methods for producing pulps according to the invention in a chemothermomechanical process are friendly to the environment, and in particular they are suitable for using in little and mediate enterprises. Products resulting from using the invention have useful properties which are required in manufacturing various types of paper of common usage, are easier processed with papermaking machines than pulps from the wood, because they do not give rise to formation of precipitations of resin acid compounds. Technological waste water can be used to soil fertilization.

IPC 8 full level

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