

Title (en)

Process for the preparation of a high freeness beaten low lignin pulp with high strength

Title (de)

Verfahren zur Herstellung eines Zellstoff niedrigen Ligningehalts mit hoher Entwässerungsgeschwindigkeit und hoher Festigkeit

Title (fr)

Procédé de préparation d'une pâte délignifiée avec haute égouttage et grande résistance

Publication

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Application

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Priority

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Abstract (en)

The present invention relates to a process for the preparation of a high freeness beaten low lignin pulp with a high strength. More particularly, the present invention relates to a process for the preparation of a high freeness beaten low lignin pulp that is produced from a pulp with a low lignin content, wherein said pulp with a low lignin content is subjected to a beating process under relatively high compression forces and relatively low shear forces.

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Citation (search report)

[A] JAMES OLSON, BRUCE ALLISON, TIM FRIESEN AND CHRISTINE PETERS: "Fibre Fractionation for high porosity sack kraft paper", TAPPI JOURNAL, vol. 84, no. 6, June 2001 (2001-06-01), pages 1 - 10, XP002267148

Cited by

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