

Title (en)
Procedure for the production of pulp.

Title (de)
Verfahren zur Herstellung von Zellstoff.

Title (fr)
Procédé de fabrication de pâte.

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Application
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Priority
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Abstract (en)
The The invention relates to a procedure for the production of mechanical pulp from a fibrous product. To reduce the refining energy, the fibrous product is subjected to an enzyme treatment in which an enzyme acts on the lignin in the fibrous product. When oxidizing enzymes are used, it is preferable to adjust the redox potential to the optimum level characteristic of each oxidation-reduction enzyme by means of suitable oxidation-reduction chemicals. In addition to reducing the refining energy consumption, the enzyme treatment also improves the strength properties and the blue reflectance factor of the pulp.

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Citation (search report)
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• [A] WO 8803190 A1 19880505 - CALL HANS PETER [DE]
• [XP] TAPPI JOURNAL. vol. 73, no. 4, April 1990, ATLANTA US pages 198 - 204; Trotter P.C.: "Biotechnology in the pulp and paper industry: a review."

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