Title (en)

Procedure for the production pulp.

Title (de)

Verfahren zur Herstellung von Zellstoff.

Title (fr)

Procédé de fabrication de pâte de bois.

Publication

EP 0430915 A1 19910605 (EN)

Application

EP 90850385 A 19901126

Priority

FI 895676 A 19891127

Abstract (en)

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 hemicellulose and/or cellulose in the fibrous product. When hydrolytic enzymes are used, it is preferable to use oxidation-reduction chemicals to adjust the redox potential to the optimum level characteristic of each hydrolytic enzyme. In addition to reducing the refining energy consumption, the enzyme treatment also improves the strength properties and the blue reflectance factor of the pulp. <IMAGE>

IPC 1-7

D21C 3/00

IPC 8 full level

C12S 3/08 (2006.01); **D21B 1/02** (2006.01); **D21B 1/14** (2006.01); **D21C 3/22** (2006.01); **D21C 5/00** (2006.01); **D21C 9/00** (2006.01); **D21C 9/10** (2006.01); **D21D 1/20** (2006.01)

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D21B 1/021 (2013.01); **D21C 5/005** (2013.01)

Citation (search report)

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