

Title (en)

A process for the production of a hemicellulose hydrolysate and special pulp.

Title (de)

Verfahren zur Herstellung von Hemicellulosehydrolysat und einem speziellen Zellstoff.

Title (fr)

Procédé de fabrication d'un hydrolysat d'hémicellulose et une pâte spéciale.

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Application

EP 88106006 A 19880415

Priority

FI 871730 A 19870421

Abstract (en)

The invention relates to a process for the production of a hemicellulose hydrolysate and special pulp through two steps, the first step comprising the prehydrolysis of the material and the second step the dissolving of the lignin contained in the prehydrolyzed material. According to the process the lignin dissolving is carried out by means of a neutral sulphite cooking with anthraquinone or a derivative thereof as a catalyst, the pH of the cooking liquor being initially at least 10.

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IPC 8 full level

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CPC (source: EP)

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Citation (applicant)

- US 4213821 A 19800722 - FARRINGTON ALAN [AU], et al
- RYDHOLM, S.E.: "Pulping Processes", 1968, INTERSCIENCE PUBLISHERS, pages: 649 - 672

Cited by

EP2067793A1; DE10064131A1; DE10064131C2; WO2022008791A1; WO02052101A1; WO2009068525A1

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