

Title (en)

Process for the delignification and bleaching of chemical paper pulp

Title (de)

Verfahren zur Entfernung von Lignin aus Chemie-Papierzellstoffen und zur Bleichung dieser Zellstoffe.

Title (fr)

Procédé de délignification et de blanchiment de pâtes à papier chimiques

Publication

EP 0801169 B1 20010620 (FR)

Application

EP 97400497 A 19970304

Priority

FR 9604611 A 19960412

Abstract (en)

[origin: EP0801169A1] The delignification and bleaching of a chemical paste comprises a pretreatment with a complexing or sequestering transition metal complex followed by treatment with hydrogen peroxide at a temperature T greater than 100 degrees C, a pressure greater than 1.5 times the pressure of saturated water vapour at temperature T and in the presence of a polymer with monomer units of formula $-\dot{A}C(R1)(R2)-C(OH)(COOM)\dot{U}-$ (I) and/or (II) and in the presence of a compound A selected from potassium hydroxide, sodium hydroxide and alkali(ne earth) metal carbonates. In the formulae, R1, R2 = optionally different, H, 1-3C alkyl-group, M = H, ammonium group or alkali metal or alkaline earth metal.

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IPC 8 full level

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CPC (source: EP US)

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