

Title (en)

Process for bleaching of lignocellulose-containing pulp

Title (de)

Verfahren zum Bleichen von Lignocellulose enthaltendem Zellstoff

Title (fr)

Procédé pour le blanchiment de pâte à papier contenant de la lignocellulose

Publication

**EP 0511695 B1 19960828 (EN)**

Application

**EP 92201005 A 19920408**

Priority

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Abstract (en)

[origin: EP0511695A1] The present invention relates to a process for delignification and bleaching of chemically digested lignocellulose-containing pulp, wherein the pulp is acid treated at a pH of between about 1 and about 6, whereupon a water-soluble compound containing an alkaline earth metal is added at a pH of between about 1 and about 7 before the pulp is treated with a chlorine-free bleaching agent. The chlorine-free bleaching agent includes peroxide compounds, ozone, oxygen and sodium dithionite in an optional sequence or mixture. After the treatment according to the invention, the pulp may be finally bleached to the desired brightness, suitably with a chlorine-free bleaching agent, such as ozone, to completely avoid formation and discharge of AOX.

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