

Title (en)

BLEACHING OF CELLULOSIC PULP WITH OZONE AND PERACID

Title (de)

BLEICHEN VON ZELLSTOFF MIT OZON UND PERSÄURE

Title (fr)

BLANCHIMENT DE PATE A PAPIER CELLULOSIQUE A L'AIDE D'OZONE ET DE PERACIDE

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Application

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Abstract (en)

[origin: WO9823811A1] The invention concerns a method for the production of pulp. According to this method, pulp is treated with ozone in at least one bleaching stage. In accordance with the invention, ozone-treated pulp is brought into contact with a peroxy alkanolic acid under acid conditions in order to reduce the pulp's alkali lability, and the resulting pulp is subjected to an alkaline extraction stage or peroxide bleaching stage. The bleaching sequences are thus of the type Z/Paa/E or Z/Paa/P, for example. The pulp produced according to the invention has a kappa number of less than 2, a viscosity of more than 600 ml/g, a tear index (T70) of over 13 mN.m²/g and a zero-span tensile index (T70) as measured from a wet sheet of over 100 N.m/g.

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