

Title (en)
METHOD FOR BLEACHING PAPER PULP

Title (de)
VERFAHREN ZUM BLEICHEN VON ZELLSTOFF

Title (fr)
PROCEDE DE BLANCHIMENT DE PATES A PAPIER

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Application
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Abstract (en)
[origin: US6866749B2] The invention concerns a method for bleaching different types of paper pulp in two steps at atmospheric pressure and at a temperature not higher than 100 DEG C. The first step consists in contacting the unbleached paste with a mixture of paracetic acid and performic acid. The second step consists in treating the bleached pulp derived from the first step, with a solution of soda and hydrogen peroxide. The resulting pulps exhibit a high index of whiteness and a degree of polymerisation close to unbleached pulps. The method is environmentally safe and non-polluting.

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