

Title (en)

CHLORINE-FREE BLEACHING OF CHEMICAL PULP INVOLVING A TWO STAGE TREATMENT WITH CHELATING AGENT

Title (de)

CHLORFREIES BLEICHEN VON CHEMISCHEM ZELLSTOFF DURCH EINE ZWEISTUFENBEHANDLUNG MIT EINEM CHELIERUNGSMITTEL

Title (fr)

BLANCHIMENT DE LA PATE CHIMIQUE SANS CHLORE IMPLIQUANT UN TRAITEMENT EN DEUX PHASES AU MOYEN D'UN AGENT DE CHELATION

Publication

**EP 0720675 A1 19960710 (EN)**

Application

**EP 94928521 A 19940822**

Priority

- SE 9400758 W 19940822
- SE 9303066 A 19930921

Abstract (en)

[origin: WO9508666A1] A method for bleaching lignocellulose-containing fiber material in the form of chemical pulp without using chloric bleaching agents where the pulp is treated with chelating agent and is bleached with ozone and peroxide. Immediately after the ozone bleaching the pulp is treated with chelating agent in a second chelating step at a pulp concentration of 1-10 % for 1-30 minutes at the temperature of 20-90 DEG C and the pH value 1,5-5. The pulp thus treated is washed and dewatered to a concentration of 8-40 % prior to the peroxide bleaching.

IPC 1-7

**D21C 9/10**; **D21C 9/153**; **D21C 9/16**

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 9508666A1

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