

Title (en)  
BLEACHING OF CHEMICAL PULP

Title (de)  
BLEICHEN VON CHEMISCHEM ZELLSTOFF

Title (fr)  
BLANCHIMENT DE PATE CHIMIQUE

Publication  
**EP 0621915 B1 19970416 (EN)**

Application  
**EP 93902618 A 19930112**

Priority  
• SE 9200152 A 19920121  
• SE 9300012 W 19930112

Abstract (en)  
[origin: WO9314262A1] A method of bleaching sulphate pulp without using chlorine-containing bleaching agents. The sulphate pulp is oxygen delignified and can possibly also be ozone delignified to a kappa number below 9.5. Thereafter a pretreatment with complexing agent is carried out for 1-60 minutes, at which the pulp consistency is 1-15 %, the temperature 70-110 DEG C and pH 5-7. The pulp thus pretreated is washed and dewatered to a consistency of 18-40 %. Thereafter peroxide bleaching in alkaline environment takes place in the presence of silicate or an organic complexing agent of the type phosphonic or carboxylic acid.

IPC 1-7  
**D21C 9/16**

IPC 8 full level  
**D21C 9/10** (2006.01); **D21C 9/147** (2006.01); **D21C 9/153** (2006.01); **D21C 9/16** (2006.01)

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