

Title (en)

IMPROVEMENTS IN A PROCESS FOR DELIGNIFYING LIGNOCELLULOSIC PULP BY MEANS OF OXYGEN

Publication

EP 0524127 A3 19930203 (EN)

Application

EP 92500075 A 19920612

Priority

BR 9102464 A 19910614

Abstract (en)

[origin: EP0524127A2] The present invention refers to an improvement for delignifying a lignocellulosic pulp by means of oxygen wherein ethanol is used as an additive and the process is carried out at high temperature thereby obtaining a higher reduction of lignin content of the lignocellulosic pulp, that is, a higher reduction of the Kappa Number in comparison with conventional processes without, however, prejudicing the pulp quality. The use of the present invention provides a pulp which, when subjected to subsequent bleaching sequences, will require a lower amount of chloro compounds in order to achieve the desired whiteness and will also exhibit a high viscosity thus rendering a product with good resistance properties.

IPC 1-7

D21C 9/10; **D21C 9/147**

IPC 8 full level

D21C 9/10 (2006.01); **D21C 9/147** (2006.01)

CPC (source: EP)

D21C 9/1005 (2013.01); **D21C 9/1036** (2013.01); **D21C 9/147** (2013.01)

Citation (search report)

- [X] FR 2189572 A1 19740125 - BILLERUDS AB [SE]
- [A] ABSTRACT BULLETIN OF THE INSTITUTE OF PAPER CHEMISTRY vol. 59, no. 3, September 1988, APPLETON US page 308 REGLA, H. ET AL. 'Effect of methanol in oxygen bleaching.'
- [A] DATABASE WPIL Section Ch, Week 8936, Derwent Publications Ltd., London, GB; Class E36, AN 89-261684 & SU-A-1 440 995 (LENINGRAD FORESTRY ACAD.) 30 November 1988

Cited by

CN114908598A; WO2013164234A1; WO9530047A1

Designated contracting state (EPC)

ES PT

DOCDB simple family (publication)

EP 0524127 A2 19930120; **EP 0524127 A3 19930203**; **EP 0524127 B1 19960814**; BR 9102464 A 19930112; MX 9202832 A 19930201

DOCDB simple family (application)

EP 92500075 A 19920612; BR 9102464 A 19910614; MX 9202832 A 19920612