

Title (en)
METHOD FOR BLEACHING WITH REDUCED ORGANIC CHLORIDES

Publication
EP 0457865 A4 19921021 (EN)

Application
EP 90916663 A 19901016

Priority
US 42323989 A 19891018

Abstract (en)
[origin: WO9105908A1] A process for producing bleached lignocellulosic pulp for use in the pulp and paper industry having reduced total organically bound chlorine and reduced brightness reversion. Lignocellulosic pulp is subjected to one or more xylanase treatment stages, in combination with one or more chemical bleaching stages.

IPC 1-7
D21C 9/10

IPC 8 full level
C12N 9/24 (2006.01); **C12S 3/08** (2006.01); **D21C 5/00** (2006.01); **D21C 9/10** (2006.01); **D21C 9/12** (2006.01); **D21C 9/14** (2006.01)

CPC (source: EP)
C12N 9/248 (2013.01); **C12Y 302/01008** (2013.01); **C12Y 302/01032** (2013.01); **D21C 5/005** (2013.01); **D21C 9/1057** (2013.01); **D21C 9/14** (2013.01)

Citation (search report)

- [Y] WO 8908738 A1 19890921 - SUOMEN SOKERI OY [FI]
- [Y] ABSTRACT BULLETIN OF THE INSTITUTE OF PAPER CHEMISTRY, vol. 58, no. 10, April 1988, page 1298, Appleton, WI, US; J. VAZQUEZ et al.: "Chlorination of kraft pulps from eucalyptus: Instrumentation and control criteria"
- See references of WO 9105908A1

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)
WO 9105908 A1 19910502; AU 624279 B2 19920604; AU 6648690 A 19910516; BR 9006957 A 19911008; CA 2044279 A1 19910419; EP 0457865 A1 19911127; EP 0457865 A4 19921021; JP H04503695 A 19920702; NZ 235679 A 19930127; PT 95615 A 19910913; RU 1838488 C 19930830

DOCDB simple family (application)
US 9005933 W 19901016; AU 6648690 A 19901016; BR 9006957 A 19901016; CA 2044279 A 19901016; EP 90916663 A 19901016; JP 51558590 A 19901016; NZ 23567990 A 19901015; PT 9561590 A 19901017; SU 4895819 A 19910617