

Title (en)

Wood pulping with acetic acid and formic acid

Title (de)

Holzaufschluss mit Essigsäure unter Zusatz von Ameisensäuren

Title (fr)

Délicnification de bois à l'acide acétique avec addition d'acide formique

Publication

EP 0584675 B1 19981028 (DE)

Application

EP 93113002 A 19930813

Priority

DE 4228171 A 19920825

Abstract (en)

[origin: EP0584675A1] In a process for producing pulps from lignocelluloses, the production is carried out by heating with aqueous acetic acid under pressure and addition of formic acid, a pulp with a very low residual lignin content being obtained, which can be bleached with ozone and peracetic acid to give high degrees of whiteness, and acetic acid and formic acid being recovered by distillation, so that therefore no effluents arise.

IPC 1-7

D21C 3/00

IPC 8 full level

D21C 3/04 (2006.01); **D21C 3/00** (2006.01)

CPC (source: EP US)

D21C 3/003 (2013.01 - EP US)

Cited by

EP2227590A4; FR2885371A1; AU2006243234B2; EA012118B1; FR2926824A1; FR2770543A1; EA019155B1; US8123904B2; US7402224B1; US6183597B1; US8157964B2; WO2011073284A1; WO2008028183A1; WO9635013A1; WO0068494A1; WO2006117295A1; US6562191B1; US8551747B2; WO9957364A1; WO2009092749A1

Designated contracting state (EPC)

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EP 0584675 A1 19940302; EP 0584675 B1 19981028; AT E172761 T1 19981115; CA 2104765 A1 19940226; DE 4228171 A1 19940303; DE 4228171 C2 19950614; DE 59309094 D1 19981203; ES 2123600 T3 19990116; FI 110695 B 20030314; FI 933729 A0 19930825; FI 933729 A 19940226; JP 3348387 B2 20021120; JP H06322682 A 19941122; US 6139683 A 20001031

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