

Title (en)

GAS PHASE DELIGNIFICATION OF LIGNOCELLULOSIC MATERIAL

Title (de)

GASPHASE-DEIGNIFIZIERUNG VON LIGNOZELLULOSISCHEN MATERIALIEN

Title (fr)

DELIGNIFICATION EN PHASE GAZEUSE DE MATIERES LIGNOCELLULOSIQUES

Publication

EP 0705361 A4 19950927 (EN)

Application

EP 93903543 A 19930119

Priority

- US 9300408 W 19930119
- US 82379592 A 19920122

Abstract (en)

[origin: WO9315264A1] A process for delignifying lignocellulosic material, such as wood pulp, which comprises treating the lignocellulosic material sequentially or simultaneously with gaseous chlorine dioxide and ozone which produces delignified cellulosic material and discharge effluents having reduced absorbed organic halides (AOX).

IPC 1-7

D21C 9/14; **D21C 9/153**

IPC 8 full level

D21C 9/10 (2006.01); **D21C 9/14** (2006.01); **D21C 9/153** (2006.01)

CPC (source: EP)

D21C 9/144 (2013.01); **D21C 9/153** (2013.01)

Citation (search report)

- [X] US 4216054 A 19800805 - BENTVELZEN JOZEF M [US], et al
- [PX] WO 9203609 A1 19920305 - INT PAPER CO [US]
- See references of WO 9315264A1

Designated contracting state (EPC)

DE DK FR SE

DOCDB simple family (publication)

WO 9315264 A1 19930805; AU 3476993 A 19930901; AU 656658 B2 19950209; BR 9305760 A 19970128; CA 2128408 A1 19930805; EP 0705361 A1 19960410; EP 0705361 A4 19950927; FI 943466 A0 19940721; FI 943466 A 19940721; JP H07502082 A 19950302; NZ 245712 A 19940927; RU 94036007 A 19960610; ZA 93224 B 19930818

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US 9300408 W 19930119; AU 3476993 A 19930119; BR 9305760 A 19930119; CA 2128408 A 19930119; EP 93903543 A 19930119; FI 943466 A 19940721; JP 51328493 A 19930119; NZ 24571293 A 19930120; RU 94036007 A 19940721; ZA 93224 A 19930113