

Title (en)

METHOD FOR BLEACHING PAPER PULP

Title (de)

VERFAHREN ZUM BLEICHEN VON PAPIERZELLSTOFF

Title (fr)

PROCEDE DE BLANCHIMENT DE PATE A PAPIER

Publication

EP 0925401 B1 20020116 (FR)

Application

EP 97919018 A 19970823

Priority

- BE 9600764 A 19960911
- BE 9600857 A 19961011
- BE 9600858 A 19961011
- EP 9704758 W 19970823

Abstract (en)

[origin: WO9811295A1] The invention concerns a method for the delignification and bleaching of chemical paper pulp consisting of an acid treatment step for reducing by at least 10 % the amount of hexenuronic acids present in the pulp, a step of adjusting the pH of the pulp for depositing or re-depositing alkaline-earth metal ions on the pulp fibres, adding a chelating agent to the pulp before and/or during the acid treatment step and/or before, during or after the pH adjusting step, a step of washing the pulp and a step of treating the pulp with an oxidising agent.

IPC 1-7

D21C 9/10; D21C 9/16

IPC 8 full level

D21C 9/10 (2006.01); **D21C 9/16** (2006.01)

CPC (source: EP US)

D21C 9/1005 (2013.01 - EP US); **D21C 9/1042** (2013.01 - EP US); **D21C 9/163** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE DE ES FI FR PT SE

DOCDB simple family (publication)

WO 9811295 A1 19980319; AT E212087 T1 20020215; AU 4300797 A 19980402; BR 9711743 A 19990824; CA 2265566 A1 19980319; CZ 86099 A3 19990616; DE 69709656 D1 20020221; DE 69709656 T2 20021017; EE 03881 B1 20021015; EE 9900119 A 19991015; EP 0925401 A1 19990630; EP 0925401 B1 20020116; ES 2171926 T3 20020916; ID 19415 A 19980709; JP 2001503109 A 20010306; MY 132667 A 20071031; NO 991153 D0 19990310; NO 991153 L 19990504; PL 332079 A1 19990830; PT 925401 E 20020731; RU 2189412 C2 20020920; US 6123809 A 20000926

DOCDB simple family (application)

EP 9704758 W 19970823; AT 97919018 T 19970823; AU 4300797 A 19970823; BR 9711743 A 19970823; CA 2265566 A 19970823; CZ 86099 A 19970823; DE 69709656 T 19970823; EE 9900119 A 19970823; EP 97919018 A 19970823; ES 97919018 T 19970823; ID 973169 A 19970911; JP 51320898 A 19970823; MY PI9704185 A 19970910; NO 991153 A 19990310; PL 33207997 A 19970823; PT 97919018 T 19970823; RU 99107570 A 19970823; US 25449599 A 19990415