

Title (en)

PAPER MAKING METHOD USING A RETENTION SYSTEM COMPRISING BENTONITE AND A CATIONIC GALACTOMANNAN

Title (de)

VERFAHREN ZUR HERSTELLUNG VON PAPIER MITTELS EINES BENTONITE UND KATIONISCHEN GALACTOMANNANE ENTHALTENDEN RETENTIONSMITTELS

Title (fr)

PROCEDE DE FABRICATION DE PAPIER UTILISANT UN SYSTEME DE RETENTION COMPRENANT DE LA BENTONITE ET UN GALACTOMANNANE CATIONIQUE

Publication

EP 1082492 A1 20010314 (FR)

Application

EP 99915825 A 19990423

Priority

- FR 9900969 W 19990423
- FR 9805258 A 19980427

Abstract (en)

[origin: US6270626B1] The invention concerns a novel method for making paper based on sheet cellulose fibre, wherein a novel retention system comprising a suspension of bentonite and a cationic galactomannan is used to improve in particular the retention of the incorporated mineral fillers. The invention also concerns a method for making paper using a retention system which substantially improves draining.

IPC 1-7

D21H 17/32; **D21H 17/68**; **D21H 21/10**

IPC 8 full level

D21H 17/32 (2006.01); **D21H 17/68** (2006.01); **D21H 21/10** (2006.01)

CPC (source: EP US)

D21H 17/32 (2013.01 - EP US); **D21H 17/68** (2013.01 - EP US); **D21H 21/10** (2013.01 - EP US)

Citation (search report)

See references of WO 9955963A1

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

US 6270626 B1 20010807; AT E258252 T1 20040215; AU 3426899 A 19991116; CA 2329760 A1 19991104; DE 69914324 D1 20040226; DE 69914324 T2 20041118; EP 1082492 A1 20010314; EP 1082492 B1 20040121; FR 2777918 A1 19991029; FR 2777918 B1 20000623; PL 343672 A1 20010827; SK 16152000 A3 20010409; WO 9955963 A1 19991104

DOCDB simple family (application)

US 67431801 A 20010209; AT 99915825 T 19990423; AU 3426899 A 19990423; CA 2329760 A 19990423; DE 69914324 T 19990423; EP 99915825 A 19990423; FR 9805258 A 19980427; FR 9900969 W 19990423; PL 34367299 A 19990423; SK 16152000 A 19990423