

Title (en)

Process for loading fibers from a fibrous suspension with an additive

Title (de)

Verfahren zum Beladen von in einer Faserstoffsuspension enthaltenen Fasern mit einem Hilfsstoff

Title (fr)

Procédé pour charger des fibres en suspension avec un additif

Publication

EP 1243693 A3 20031210 (DE)

Application

EP 02002736 A 20020207

Priority

DE 10113998 A 20010322

Abstract (en)

[origin: EP1243693A2] Treatment of fibers in a suspension with auxiliaries by chemical precipitation reaction involves addition of (i) Ca(OH)₂ and/or CaO and also (ii) a bleach before the precipitation reaction is completed.

IPC 1-7

D21C 9/00

IPC 8 full level

D21C 9/00 (2006.01); **D21C 9/153** (2006.01); **D21C 9/16** (2006.01)

CPC (source: EP)

D21C 9/004 (2013.01); **D21C 9/153** (2013.01); **D21C 9/163** (2013.01)

Citation (search report)

- [XD] US 5223090 A 19930629 - KLUNGNESS JOHN H [US], et al
- [PX] WO 0200999 A1 20020103 - INT PAPER CO [US]
- [X] WO 9701670 A1 19970116 - METSAE SERLA OY [FI], et al
- [A] WO 9835095 A1 19980813 - MINERALS TECH INC [US]
- [A] EP 1076132 A1 20010214 - FORT JAMES FRANCE [FR]
- [A] WO 0104415 A1 20010118 - SCA GRAPHIC RES AB [SE], et al
- [A] WO 9955964 A1 19991104 - AKZO NOBEL NV [NL], et al
- [X] J.H.KLUNGNESS ET AL: "Effect of fiber loading on paper properties", TAPPI JOURNAL, vol. 79, no. 3, 1996, pages 297 - 301, XP001152897

Cited by

EP2781651A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 1243693 A2 20020925; EP 1243693 A3 20031210; EP 1243693 B1 20060426; AT E324484 T1 20060515; DE 10113998 A1 20020926;
DE 50206517 D1 20060601

DOCDB simple family (application)

EP 02002736 A 20020207; AT 02002736 T 20020207; DE 10113998 A 20010322; DE 50206517 T 20020207