

Title (en)
PAPER MAKING PROCESSES

Publication
EP 0285487 B1 19920304 (FR)

Application
EP 88400618 A 19880315

Priority
FR 8704003 A 19870323

Abstract (en)
[origin: EP0285487A1] Papermaking process characterised in that the following are added to the suspension containing the cellulose fibres before the sheet is formed: calcium carbonate, a sizing agent such as a dimeric alkylketene or a carboxylic acid anhydride, cationic starch and a basic aluminium polychlorosulphate.

IPC 1-7
D21H 17/00; D21H 23/00

IPC 8 full level
D21H 17/03 (2006.01); **D21H 17/00** (2006.01); **D21H 17/14** (2006.01); **D21H 17/28** (2006.01); **D21H 17/33** (2006.01); **D21H 17/63** (2006.01); **D21H 23/00** (2006.01); **D21H 23/76** (2006.01); **D21H 17/16** (2006.01); **D21H 17/17** (2006.01); **D21H 17/29** (2006.01); **D21H 17/66** (2006.01); **D21H 17/67** (2006.01)

CPC (source: EP)
D21H 23/765 (2013.01); **D21H 17/16** (2013.01); **D21H 17/17** (2013.01); **D21H 17/29** (2013.01); **D21H 17/66** (2013.01); **D21H 17/675** (2013.01)

Cited by
AU687132B2; US5891305A; DE4090740C2; EP0701021A3; US5976322A; EP0522940A1; FR2678961A1; US5501771A; TR24973A; EP0786476A1; WO9110776A1; WO9527825A1

Designated contracting state (EPC)
AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)
EP 0285487 A1 19881005; EP 0285487 B1 19920304; AT E73184 T1 19920315; CA 1312708 C 19930119; DE 3868659 D1 19920409; DK 154788 A 19880926; DK 154788 D0 19880322; DK 170686 B1 19951204; ES 2029522 T3 19920816; FI 881369 A0 19880322; FI 881369 A 19880924; FI 94972 B 19950815; FI 94972 C 19951127; FR 2612961 A1 19880930; FR 2612961 B1 19891013; GR 3004804 T3 19930428; IE 60052 B1 19940518; IE 880842 L 19880923; JP S63256796 A 19881024; NO 173887 B 19931108; NO 173887 C 19940216; NO 881029 D0 19880308; NO 881029 L 19880926; PT 87044 A 19880401; PT 87044 B 19920731

DOCDB simple family (application)
EP 88400618 A 19880315; AT 88400618 T 19880315; CA 562131 A 19880322; DE 3868659 T 19880315; DK 154788 A 19880322; ES 88400618 T 19880315; FI 881369 A 19880322; FR 8704003 A 19870323; GR 920401145 T 19920604; IE 84288 A 19880322; JP 6922488 A 19880323; NO 881029 A 19880308; PT 8704488 A 19880322