

Title (en)

ACID-TO-ALKALINE PAPERMAKING PROCESS.

Title (de)

SAURE BIS ALKALISCHE VERFAHREN ZUR HERSTELLUNG VON PAPIER.

Title (fr)

PROCEDE DE FABRICATION DE PAPIER DANS DES CONDITIONS ACIDES A ALCALINES.

Publication

EP 0658229 A4 19971008 (EN)

Application

EP 93903481 A 19930112

Priority

- US 9300320 W 19930112
- US 93266392 A 19920820

Abstract (en)

[origin: WO9404752A1] A fundamentally new papermaking process for the manufacture of paper, board and other wet-laid products on a paper machine under conditions ranging from acidic to alkaline from aqueous furnishes treated with in-situ-synthesized complex functional microgels.

IPC 1-7

D21H 17/70

IPC 8 full level

D21H 17/07 (2006.01); **D21H 17/13** (2006.01); **D21H 17/66** (2006.01); **D21H 17/70** (2006.01)

CPC (source: EP)

D21H 17/07 (2013.01); **D21H 17/13** (2013.01); **D21H 17/66** (2013.01); **D21H 17/70** (2013.01)

Citation (search report)

- [Y] US 5116418 A 19920526 - KALISKI ADAM F [US]
- See references of WO 9404752A1

Cited by

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AT DE ES FR GB IT NL SE

DOCDB simple family (publication)

WO 9404752 A1 19940303; AR 246992 A1 19941031; AU 3472893 A 19940315; AU 666168 B2 19960201; CA 2142367 A1 19940303; CN 1082132 A 19940216; EP 0658229 A1 19950621; EP 0658229 A4 19971008; TW 283178 B 19960811

DOCDB simple family (application)

US 9300320 W 19930112; AR 32504893 A 19930531; AU 3472893 A 19930112; CA 2142367 A 19930112; CN 93106423 A 19930529; EP 93903481 A 19930112; TW 82102906 A 19930416