

Title (en)

Process for making paper and board.

Title (de)

Verfahren zur Herstellung von Papier, Pappe und Karton.

Title (fr)

Procédé de fabrication de papier et de carton.

Publication

EP 0438707 B1 19931215 (DE)

Application

EP 90124067 A 19901213

Priority

DE 4001045 A 19900116

Abstract (en)

[origin: EP0438707A1] In a process for making paper, paperboard and cardboard, a paper pulp containing interfering materials is dehydrated in the presence of a hydrolysed homopolymer and/or copolymer of N-vinylformamide having a degree of hydrolysis of at least 60%, and of cationic retention agents. As compared with the use of known fixing agents, a higher dehydration rate and improved retention are obtained according to the invention.

IPC 1-7

D21H 17/34

IPC 8 full level

C08F 8/12 (2006.01); **D21H 17/34** (2006.01); **D21H 17/36** (2006.01)

CPC (source: EP US)

D21H 17/34 (2013.01 - EP US)

Cited by

US5554261A; DE102004044379A1; DE102004044379B4; US6716311B1; WO2012065951A1; WO9848112A1; WO2016207480A1; US8029647B2; US8916026B2; US9567710B2; WO2005090678A1; WO9207141A3; US8337665B2; US8486227B2; US9573909B2; EP0649941B2

Designated contracting state (EPC)

DE ES FR GB IT SE

DOCDB simple family (publication)

EP 0438707 A1 19910731; EP 0438707 B1 19931215; CA 2034135 A1 19910717; CA 2034135 C 20010814; DE 4001045 A1 19910718; DE 59003890 D1 19940127; ES 2046658 T3 19940201; FI 102687 B1 19990129; FI 102687 B 19990129; FI 910206 A0 19910115; FI 910206 A 19910717; JP 2895248 B2 19990524; JP H05106193 A 19930427; US 5145559 A 19920908

DOCDB simple family (application)

EP 90124067 A 19901213; CA 2034135 A 19910114; DE 4001045 A 19900116; DE 59003890 T 19901213; ES 90124067 T 19901213; FI 910206 A 19910115; JP 260691 A 19910114; US 64185291 A 19910116