

Title (en)

Pitch control aid.

Title (de)

Hilfsmittel zur Harzkontrolle.

Title (fr)

Agent auxiliaire pour le contrÔle de la poix.

Publication

EP 0280445 A1 19880831 (EN)

Application

EP 88301208 A 19880212

Priority

GB 8703304 A 19870213

Abstract (en)

A method for the control of pitch in an aqueous system used in pulp or paper making is disclosed which comprises adding to the system, or to the pulp making or paper making machinery, a water soluble polymer or copolymer possessing recurring units of the formula: <CHEM> where each of R1 and R2 independently represents hydrogen or methyl, X represents hydrogen, -(CH₂CH₂NH)_nH or -(CH₂CH₂CH₂NH)_nH, x represents 0 or 1, preferably 1, and n represents 1 to 3, preferably 1, or an acid addition salt or quaternary ammonium salt thereof.

IPC 1-7

A01N 25/10; D21H 3/38

IPC 8 full level

D21C 9/08 (2006.01); **D21H 17/34** (2006.01)

CPC (source: EP KR)

D21C 9/08 (2013.01 - KR); **D21C 9/086** (2013.01 - EP)

Citation (search report)

- [X] EP 0058621 A1 19820825 - CALGON CORP [US]
- [X] EP 0069573 A1 19830112 - MERCK & CO INC [US]
- [X] CA 1194254 A 19851001 - ALCHEM INC
- [A] EP 0131306 A1 19850116 - NITTO BOSEKI CO LTD [JP]
- [A] US 4021484 A 19770503 - TODA HIROMI, et al

Cited by

US5866618A; US5433824A; US5223097A; US5626720A; EP0354889A3; US4995944A; US5382324A; US5286347A; US5723021A; US5952394A; US5762757A; US6143800A; US6303723B1; US6271264B1; WO9829107A3; US6203785B1; US6610283B1; US7125547B2

Designated contracting state (EPC)

AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

EP 0280445 A1 19880831; AU 1167388 A 19880818; AU 598099 B2 19900614; BR 8800641 A 19880927; FI 880641 A0 19880211; FI 880641 A 19880814; GB 2202872 A 19881005; GB 8703304 D0 19870318; JP H048556 B2 19920217; JP S63264993 A 19881101; KR 880010187 A 19881007; NZ 223507 A 19890628; ZA 881025 B 19880811

DOCDB simple family (application)

EP 88301208 A 19880212; AU 1167388 A 19880212; BR 8800641 A 19880212; FI 880641 A 19880211; GB 8703304 A 19870213; JP 2899188 A 19880212; KR 880001375 A 19880212; NZ 22350788 A 19880212; ZA 881025 A 19880215