

Title (en)

Use of copolymers of 2-acrylamido-2-methylpropane sulfonic acid for improving retention and dewatering in the manufacture of paper.

Title (de)

Verwendung von Copolymeren der 2-Acrylamido-2-Methylpropan-Sulfonsäure zur Verbesserung des Zurückhaltevermögens und der Entwässerung in der Papierherstellung.

Title (fr)

Utilisation des copolymères de l'acide sulfonique de 2-acrylamido-2-méthylpropane pour améliorer la rétention et la déshydratation dans la fabrication du papier.

Publication

EP 0119493 A1 19840926 (EN)

Application

EP 84101696 A 19840218

Priority

US 47579483 A 19830316

Abstract (en)

A process for improving retention of fillers and pulp fines and increasing rate of dewatering of furnish in the manufacture of paper, by addition thereto of a water-soluble copolymer containing from about 2.5 to about 35 mole percent repeating units derived from 2-acrylamido-2-methylpropanesulfonic acid and a water-soluble polymer selected from the group consisting of polyacrylamide and acrylamide copolymers.

IPC 1-7

D21H 3/38; **C08L 33/26**

IPC 8 full level

B01D 21/01 (2006.01); **D21H 17/37** (2006.01); **D21H 17/42** (2006.01)

CPC (source: EP KR)

D21F 3/00 (2013.01 - KR); **D21H 17/42** (2013.01 - EP)

Citation (search report)

- [A] US 4104226 A 19780801 - MELZER JAROSLAV, et al
- [A] US 4147682 A 19790403 - YADA AKIRA, et al
- [A] US 4077930 A 19780307 - LIM SIM KOEI, et al

Cited by

GB2236314A

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0119493 A1 19840926; AU 2566584 A 19840920; AU 562928 B2 19870625; BR 8401185 A 19841023; CA 1223107 A 19870623; DK 108984 A 19840917; DK 108984 D0 19840227; FI 72555 B 19870227; FI 72555 C 19870608; FI 841053 A0 19840315; FI 841053 A 19840917; JP S59179899 A 19841012; KR 840007923 A 19841211; NO 841007 L 19840917; ZA 841944 B 19851030

DOCDB simple family (application)

EP 84101696 A 19840218; AU 2566584 A 19840315; BR 8401185 A 19840315; CA 449551 A 19840314; DK 108984 A 19840227; FI 841053 A 19840315; JP 4663284 A 19840313; KR 840001321 A 19840315; NO 841007 A 19840315; ZA 841944 A 19840315