

Title (en)

Method and pulp for improving paper fines and filler retention.

Title (de)

Verfahren und Zellstoff für die Verbesserung der Retention von Papierpulvern und -füllstoffen.

Title (fr)

Méthode et pâte pour améliorer la rétention des poudres et des agents de remplissage du papier.

Publication

**EP 0414496 A1 19910227 (EN)**

Application

**EP 90309154 A 19900821**

Priority

US 39722489 A 19890823

Abstract (en)

High molecular weight copolymers of 40-60 weight percent acrylamide and 60-40 weight percent diallyldimethylammonium chloride, particularly those copolymers that have an RSV (reduced specific viscosity) exceeding 5 and more particularly exceeding 7.5, give outstanding results as fine and filler retention agents used in the manufacture of paper.

IPC 1-7

**D21H 17/45**

IPC 8 full level

**D21H 17/45** (2006.01)

CPC (source: EP)

**D21H 17/455** (2013.01)

Citation (search report)

- [X] FR 2245671 A1 19750425 - CALGON CORP [US]
- [X] EP 0320512 A1 19890621 - SUMITOMO CHEMICAL CO [JP]
- [XP] EP 0362770 A2 19900411 - HERCULES INC [US]

Cited by

EP0536580A1; WO0163050A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 0414496 A1 19910227**; AU 5113090 A 19910228; CA 2005896 A1 19910223; FI 902129 A0 19900427; MX 174066 B 19940419; ZA 902389 B 19910327

DOCDB simple family (application)

**EP 90309154 A 19900821**; AU 5113090 A 19900307; CA 2005896 A 19891218; FI 902129 A 19900427; MX 2053090 A 19900430; ZA 902389 A 19900328