

Title (en)
DRAINAGE AND RETENTION AIDS FOR NEWSPRINT FURNISHES

Publication
EP 0277728 A3 19880817 (EN)

Application
EP 88300477 A 19880121

Priority
US 898187 A 19870130

Abstract (en)
[origin: EP0277728A2] A method for improving drainage and the retention of inorganic fillers, cellulosic fines and/or pigments in the production of paper and paper-like products, especially newsprint, by the use of polymeric drainage/retention aids prepared from 75 to 99.9%, by weight, acrylamide and 25 to 0.1%, by weight, acryloyloxyethyl trimethyl ammonium chloride.

IPC 1-7
D21H 3/38

IPC 8 full level
D21H 17/37 (2006.01); **D21H 17/45** (2006.01)

CPC (source: EP)
D21H 17/37 (2013.01); **D21H 17/455** (2013.01)

Citation (search report)

- [X] US 4581402 A 19860408 - DUNK WILLIAM [FR], et al
- [X] US 4461866 A 19840724 - YANUTOLA MICHAEL J [US]
- [X] US 3901857 A 19750826 - SACKMAN GUNTER, et al
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- [X] TAPPI JOURNAL, vol. 66, no. 6, June 1983, pages 83-85, Atlanta, Georgia, US; T. LINDSTRÖM et al.: "Effects of pH and electrolyte concentration on the adsorption of cationic polyacrylamides on cellulose"
- [X] ABSTRACT BULLETIN OF THE INSTITUTE OF PAPER CHEMISTRY, vol. 51, no. 10, April 1981, page 1111, abstract no. 10392, Appleton, Wisconsin, US; T. MIWA et al.: "Improvement of filler efficiency in manufacturing paper"
- [A] ABSTRACT BULLETIN OF THE INSTITUTE OF PAPER CHEMISTRY, vol. 48, no. 5, November 1977, page 527, abstract no. 4846; K. SUZUKI et al.: "Preparation of cationic polymers and their applications. (6). Effect of partially aminated polyacrylamides on paper strength improvement for various pulps (especially for newsprint paper pulp)", & JAPAN TAPPI 31, no. 5: 270-274 (May 1977)

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Designated contracting state (EPC)
BE CH DE FR GB LI SE

DOCDB simple family (publication)
EP 0277728 A2 19880810; EP 0277728 A3 19880817; AU 1093388 A 19880804

DOCDB simple family (application)
EP 88300477 A 19880121; AU 1093388 A 19880128