

Title (en)

Method for increasing paper strength.

Title (de)

Verfahren zur Erhöhung der Papierfestigkeit.

Title (fr)

Procédé d'augmentation de la résistance du papier.

Publication

EP 0282081 A1 19880914 (EN)

Application

EP 88103897 A 19880311

Priority

JP 5738787 A 19870312

Abstract (en)

Paper having increased strength is made by adding aluminum sulfate and a paper strength agent containing a copolymer comprising (a) 98 to 60 % by mole of repeating units derived from (meth)acrylamide, (b) 1 to 20 % by mole of repeating units derived from at least one compound selected from the group consisting of alpha , beta -unsaturated monocarboxylic acids and their salts and alpha , beta -unsaturated dicarboxylic acids and their salts and (c) 1 to 20 % by mole of repeating units derived from a diallylamine derivative of the formula: <CHEM> wherein R1 and R2 are the same or different and hydrogen or methyl, R3 and R4 are the same or different and hydrogen or C1-C6 alkyl, and X<-> is an anion of an organic acid or an inorganic acid as an effective component to a pulp slurry and then making a sheet of paper from said slurry.

IPC 1-7

D21D 3/00; **D21H 3/38**

IPC 8 full level

D21H 17/43 (2006.01); **D21H 17/45** (2006.01)

CPC (source: EP)

D21H 17/43 (2013.01); **D21H 17/455** (2013.01)

Citation (search report)

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