

Title (en)

Paper-coating compositions comprising whitening agents.

Title (de)

Weisstönerhaltige Papierstreichmassen.

Title (fr)

Compositions de couchage pour papier comprenant des agents de blanchiment.

Publication

EP 0274666 A1 19880720 (DE)

Application

EP 87118124 A 19871208

Priority

DE 3643215 A 19861218

Abstract (en)

[origin: US4888128A] Fluorescent brightener salts of the formula <IMAGE> in which A denotes the anion of an anionic cellulose fluorescent brightener, R1 denotes alkyl, alkenyl, aralkyl, aryl or cycloalkyl, R2, R3 and R4 denote hydrogen or R1, or together, including the N atom, form a heterocyclic ring, and n denotes 1 or 2, are suitable for incorporation into paper-coating slips. The brightened coating slips are distinguished, inter alia, by the fact that the achievable greying limit is very high.

Abstract (de)

Aufhellersalze der Formel <IMAGE> worin A = das Anion eines anionischen Celluloseweißstönens, R1 = Alkyl, Alkenyl, Aralkyl, Aryl oder Cycloalkyl, R2, R3 und R4 Wasserstoff oder R1, oder gemeinsam unter Einschluß des N-Atoms einen Heterocyclus bilden, und n = 1 oder 2 bedeuten, eignen sich deshalb zur Einarbeitung in Papierstreichmassen. Die aufgehellten Streichmassen zeichnen sich u.a. dadurch aus, daß die erreichbare Vergrauungsgrenze sehr hoch liegt.

IPC 1-7

D21H 1/28

IPC 8 full level

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CPC (source: EP US)

D21H 21/30 (2013.01 - EP US)

Citation (search report)

- [A] DE 2403207 A1 19740725 - ICI LTD
- [X] CHEMICAL ABSTRACTS, Band 98, Nr. 6, 7. Februar 1983, Seite 39, Zusammenfassung Nr. 35526b, Columbus, Ohio, US; & JP-A-57 123 262 (SHOWA CHEMICAL INDUSTRIES, LTD) 31-07-1982

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EP0905317A1; EP0409028A1; FR2660944A1; US6387296B1; WO9621062A1

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DOCDB simple family (application)

EP 87118124 A 19871208; DE 3643215 A 19861218; DE 3777789 T 19871208; FI 875517 A 19871216; JP 31114587 A 19871210; US 13178087 A 19871211