

Title (en)

Use of optical brighteners for the manufacturing of coating mixes

Title (de)

Verwendung von Aufhellern zur Herstellung von Streichmassen

Title (fr)

Utilisation d'agents de blanchiment optiques pour la fabrication des melanges d'enduisage

Publication

EP 1355004 B1 20060906 (DE)

Application

EP 03008210 A 20030409

Priority

DE 10217677 A 20020419

Abstract (en)

[origin: EP1355004A1] Use is claimed of bis(aminotriazinyl)-stilbene optical brighteners in brightening aqueous sizing or coating compositions containing a latex binder and a different synthetic co-binder. Use is claimed of bis(aminotriazinyl)-stilbene optical brighteners of formula (I) in brightening aqueous sizing or coating compositions containing a latex binder and a different synthetic co-binder. Y = a group of formula (II) or (III); R1 = 1-6C alkyl and R2 = H or vice-versa; (R1)/ = 1-6C alkyl and (R2)/ = H or vice-versa; R3 and (R3)/ = H, methyl, ethyl, CH2CH2OH or CH2CH2OCH3; R4 = 1-4C alkyl; Z' = H or SO3H in the o-, m- or p-position; and M = H or an equivalent of a cation which is Li, Na, K, Ca, Mg, ammonium or mono-, di-, tri- or tetra-(1-4C alkyl or 2-4C hydroxyalkyl)-ammonium. An Independent claim is also included for a sizing or coating composition comprising the above bis(aminotriazinyl)-stilbene optical brightener together with a white pigment, a latex binder and a different synthetic co-binder.

IPC 8 full level

C09B 57/00 (2006.01); **D21H 21/30** (2006.01)

CPC (source: EP US)

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Cited by

EP1624105A1; ITMI20111701A1; EP1712677A1; KR101329924B1; AU2011214619B2; KR20180004330A; US7608168B2; EP1881108A1; EP2192230A1; US2016060814A1; US8440053B2; US8586156B2; US8859679B2; US9797095B2; WO2011033066A2; US8608908B2; WO2006108785A3; WO2012000625A1; WO2010060570A1; WO2006000327A3; WO2011098237A1; WO2012000624A1; WO2012010326A1; US8758886B2; US8945718B2; EP2239371A1; US8697203B2; US8932727B2

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EP 03008210 A 20030409; DE 10217677 A 20020419; DE 50304916 T 20030409; EP 06015669 A 20030409; JP 2003116087 A 20030421; US 41704103 A 20030416