

Title (en)

MIXTURES OF OPTICAL BRIGHTENERS AND THEIR USE

Publication

EP 0023026 B1 19840222 (DE)

Application

EP 80104161 A 19800716

Priority

DE 2929591 A 19790721

Abstract (en)

[origin: ES8105054A1] Mixtures of optical brighteners consisting of 5 to 95% by weight of a compound of the formula < IMAGE > in which A denotes a o- or p-cyanophenyl group, and 95 to 5% by weight of one or more further optical brighteners.

IPC 1-7

D06L 3/12

IPC 8 full level

C09B 67/22 (2006.01); **C09B 57/00** (2006.01); **D06L 3/12** (2006.01); **D06L 4/65** (2017.01); **D06P 1/00** (2006.01); **D06P 3/52** (2006.01)

CPC (source: EP US)

D06L 4/65 (2016.12 - EP US)

Citation (examination)

- FR 1415977 A 19651029 - BASF AG
- THE CHEMISTRY OF SYNTHETIC DYER BAND V, KAP. VIII (K. VENKATAVAMAN)

Cited by

EP0058880A1; EP0033018A3; DE19607046A1

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0023026 A1 19810128; EP 0023026 B1 19840222; AT E6375 T1 19840315; AU 533250 B2 19831110; AU 6063880 A 19810122; BR 8004499 A 19810127; CA 1153160 A 19830906; DE 2929591 A1 19810205; DE 3066691 D1 19840329; ES 493375 A0 19810516; ES 8105054 A1 19810516; JP H0116868 B2 19890328; JP S5618656 A 19810221; PH 16626 A 19831205; US 4336155 A 19820622; ZA 804367 B 19810729

DOCDB simple family (application)

EP 80104161 A 19800716; AT 80104161 T 19800716; AU 6063880 A 19800718; BR 8004499 A 19800718; CA 356457 A 19800718; DE 2929591 A 19790721; DE 3066691 T 19800716; ES 493375 A 19800715; JP 9769480 A 19800718; PH 24316 A 19800721; US 16987380 A 19800716; ZA 804367 A 19800718