

Title (en)

Filter dye for photographic element.

Title (de)

Filterfarbstoff für photographisches Element.

Title (fr)

Colorant filtre pour élément photographique.

Publication

EP 0274723 A1 19880720 (EN)

Application

EP 87118944 A 19871221

Priority

- US 10446887 A 19871005
- US 94563486 A 19861223

Abstract (en)

Dyes having the structure <CHEM> wherein A represents a substituted or unsubstituted acidic nucleus having a carboxyphenyl substituent selected from the group consisting of 2-pyrazolin-5-ones free of any substituent bonded thereto through a carboxyl group, rhodanines, hydantoins, 2-thiohydantoins, 4-thiohydantoins, 2,4-oxazolidindiones, 2-thio-2,4-oxazolidindiones, isoxazolinones, barbituric, 2-thiobarbiturics, and indandiones, R represents hydrogen, substituted or unsubstituted alkyl of 1 to 4 carbon atoms, or benzyl, R<1> and R<2> each independently represents substituted or unsubstituted alkyl or aryl, or taken together with R<5>, R<6>, N, and the carbon atoms to which they are attached, represent the atoms needed to complete a julolydyl ring, R<3> represents H, or substituted or unsubstituted alkyl or aryl, R<5> and R<6> each independently represents H, or R<5> taken together with R<1>, or R<6> taken together with R<2>, represent the atoms necessary to complete a carbocyclic ring, and m is 0 or 1 are disclosed. The dyes are useful as filter dyes in photographic filter layers.

IPC 1-7

C09B 23/06; C09B 23/10; C09B 23/14; G03C 1/84

IPC 8 full level

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CPC (source: EP)

G03C 1/832 (2013.01); **G03C 5/16** (2013.01); **G03C 2001/7448** (2013.01); **G03C 2200/44** (2013.01); **G03C 2200/46** (2013.01)

Citation (search report)

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- [X] DD 109455 A1 19741105
- [AD] DE 1909463 A1 19690911 - MINNESOTA MINING & MFG
- [A] FR 2433774 A1 19800314 - WOLFEN FILMFAB VEB [DD]
- [X] RESEARCH DISCLOSURE, no. 144, April 1976, pages 17-20, no. 14416, Havant, Hants, GB; "Light-absorbing dyes for photographic elements"

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DOCDB simple family (application)

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