

Title (en)

COLOUR FORMERS FOR RECORDING SHEETS

Publication

EP 0386992 A3 19910612 (EN)

Application

EP 90302353 A 19900306

Priority

- US 32064289 A 19890308
- US 39770389 A 19890823

Abstract (en)

[origin: EP0386992A2] Novel bis-(indolyl)ethylenes, process for their production when novel and generally, and record systems utilizing bis-(indolyl)ethylene chromogens; novel di-[bis-(indolyl)ethyleneyl] tetrahalophthalides.

IPC 1-7

B41M 5/136; **B41M 5/145**; **B41M 5/30**

IPC 8 full level

B41M 5/136 (2006.01); **B41M 5/145** (2006.01); **B41M 5/323** (2006.01); **B41M 5/327** (2006.01)

CPC (source: EP)

B41M 5/136 (2013.01); **B41M 5/145** (2013.01); **B41M 5/323** (2013.01); **B41M 5/327** (2013.01)

Citation (search report)

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- [A] EP 0242169 A2 19871021 - YAMADA CHEM CO [JP]
- [A] US 4349679 A 19820914 - GARNER ROBERT, et al
- [AD] US 4020056 A 19770426 - FARBER SHELDON
- [X] CHEMICAL ABSTRACTS, vol. 103, no. 1, 08 July 1985 Columbus, Ohio, USA J.Mueller et al: "Regioselective synthesis of symmetric 3,3-bisindolyethenes." page 557; left-hand column; ref. no. 6178F
- [A] CHEMICAL ABSTRACTS, vol. 108, no. 17, 25 April 1988 Columbus, Ohio, USA U.Pindur et al: "Selective synthesis of 1-aryl-,1-hetaryl- and 1-alkylsubstituted 3-vinylindoles" page 721; right-hand column; ref. no. 150225Q

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Designated contracting state (EPC)

BE CH DE ES FR GB IT LI

DOCDB simple family (publication)

EP 0386992 A2 19900912; **EP 0386992 A3 19910612**; FI 901156 A0 19900307

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