

Title (en)

MODIFIED POLY(MALEIC ANHYDRIDE-CO-STYRENE) AND RELATED POLYMERS AS A BASE FOR COLOR FILTERS

Title (de)

MODIFIZIERTES MALEINSÄUREANHYDRID-STYROL COPOLYMER SOWIE VERWANDTE POLYMERE FÜR ANWENDUNGEN IN FARBFILTERN

Title (fr)

POLY(ANHYDRIDE-CO-STYRENE MALEIQUE) MODIFIE ET POLYMERES APPARENTES UTILISES COMME BASE POUR FILTRES COLORES

Publication

EP 0821813 A1 19980204 (EN)

Application

EP 96913794 A 19960415

Priority

- US 9605192 W 19960415
- US 43140395 A 19950417

Abstract (en)

[origin: WO9633445A1] A method of producing color elements, for use in color filter arrays and the like, and a material for use in such methods, is disclosed. The material may be a modified poly(maleic anhydride-co-styrene) and related polymers. The polymers may be used as vehicles in a clear or partially clear form, as protective or blocking and anti-leach/stain coatings. The polymers may also be combined with dyes to produce the respective color elements. The materials are compatible with conventional photolithographic methods.

IPC 1-7

G03F 9/00; C09K 19/00; G03C 5/00; G03C 5/56

IPC 8 full level

G03F 7/004 (2006.01); **G02B 5/20** (2006.01); **G03F 7/00** (2006.01); **G03F 7/038** (2006.01)

CPC (source: EP KR)

G03F 7/0007 (2013.01 - EP); **G03F 7/0388** (2013.01 - EP); **G03F 9/00** (2013.01 - KR)

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

WO 9633445 A1 19961024; AU 5664196 A 19961107; EP 0821813 A1 19980204; EP 0821813 A4 19980826; JP H11504128 A 19990406; KR 19990007801 A 19990125

DOCDB simple family (application)

US 9605192 W 19960415; AU 5664196 A 19960415; EP 96913794 A 19960415; JP 53183196 A 19960415; KR 19970707324 A 19971016