

Title (en)

Element having improved adhesion of auxiliary layers to film supports containing antistatic layers.

Title (de)

Element mit verbesserter Haftfähigkeit zwischen Hilfsschichten und Filmträger, enthaltend antistatische Schichten.

Title (fr)

Élément ayant une adhésion améliorée entre couches auxiliaires et support d'enregistrement et contenant des couches antistatiques.

Publication

EP 0439181 A2 19910731 (EN)

Application

EP 91100935 A 19910125

Priority

- US 47114590 A 19900126
- US 58611490 A 19900921

Abstract (en)

A film support having an auxiliary layer coated over an antistatic layer coated on one side thereof is described. This element, which is particularly useful for the application of subsequently applied photosensitive layers on side opposite said auxiliary layer, comprises gelatin, a crosslinking agent, optionally a conductive polymer and an adhesion promoting amount of an adhesion agent, said adhesion agent selected from the group consisting of: compounds containing at least one -NH₂ group and compounds containing at least two -NH groups, wherein said adhesion agent is sufficiently soluble in water that said adhesion promoting amount of adhesion agent may be dissolved in the dispersion used to coat said auxiliary layer, with the proviso that said adhesion agent is not malonamide. Preferred adhesion agents are urea, thiourea and 2-imidazolidone. Improved adhesion of the auxiliary layer to the antistatic layer is achieved.

IPC 1-7

G03C 1/85; **G03C 1/91**

IPC 8 full level

G03C 1/76 (2006.01); **G03C 1/825** (2006.01); **G03C 1/85** (2006.01)

CPC (source: EP)

G03C 1/7614 (2013.01); **G03C 1/85** (2013.01)

Designated contracting state (EPC)

BE CH DE DK ES FR GB IT LI LU NL SE

DOCDB simple family (publication)

EP 0439181 A2 19910731; **EP 0439181 A3 19930107**; AU 628250 B2 19920910; AU 6999991 A 19910801; CA 2034788 A1 19910727; JP H04298738 A 19921022

DOCDB simple family (application)

EP 91100935 A 19910125; AU 6999991 A 19910125; CA 2034788 A 19910123; JP 2380691 A 19910125