

Title (en)
COATED PHOTOGRAPHIC SUPPORT MATERIAL

Publication
EP 0159493 B1 19891108 (DE)

Application
EP 85102318 A 19850301

Priority
DE 3415215 A 19840421

Abstract (en)
[origin: ES8603089A1] Photographic base material, which is resistant to photographic baths, has a coating, on at least one side, which contains a binder produced mainly from unsatd. cpds. and is cured by high energy radiation. The novelty is that, before cure, the coating compsn. contains unsatd. monomeris, oligomeric and/or polymeric OH-functional substance(s) (I) and the molal concn. of OH gps. is at least 2, pref. at least 2.5. - (I) has OH gp(s). on a C atom in the beta- or gamm-position to an ester or ether gp. It pref. is a hydroxyalkyl ester of an unsatd. acid, allyl ester of a hydroxy-acid or hydroxyalkyl allyl ether with at least one and pref. 2 or more C=C double bonds or a mixt. of a mono-unsatd. cpd. and a tri- or poly-unsatd. cpd.; esp. a (meth)acrylate of a di- or poly-hydric alcohol, allyl ether or a di- or poly-hydric alcohol or allyl ester of a hydroxy-acid. It can be derived from a glycol, glycerol, sorbitol or pentaerythritol.
[origin: ES8603089A1] Photographic base material, which is resistant to photographic baths, has a coating, on at least one side, which contains a binder produced mainly from unsatd. cpds. and is cured by high energy radiation. The novelty is that, before cure, the coating compsn. contains unsatd. monomeris, oligomeric and/or polymeric OH-functional substance(s) (I) and the molal concn. of OH gps. is at least 2, pref. at least 2.5. - (I) has OH gp(s). on a C atom in the beta- or gamm-position to an ester or ether gp. It pref. is a hydroxyalkyl ester of an unsatd. acid, allyl ester of a hydroxy-acid or hydroxyalkyl allyl ether with at least one and pref. 2 or more C=C double bonds or a mixt. of a mono-unsatd. cpd. and a tri- or poly-unsatd. cpd. esp. a (meth)acrylate of a di- or poly-hydric alcohol, allyl ether or a di- or poly-hydric alcohol or allyl ester of a hydroxy-acid. It can be derived from a glycol, glycerol, sorbitol or pentaerythritol.

IPC 1-7
G03C 1/87

IPC 8 full level
G03C 1/79 (2006.01)

CPC (source: EP US)
G03C 1/79 (2013.01 - EP US); **Y10T 428/31794** (2015.04 - EP US); **Y10T 428/31855** (2015.04 - EP US); **Y10T 428/31931** (2015.04 - EP US); **Y10T 428/31935** (2015.04 - EP US)

Cited by
EP0609648A1; EP0202410A3

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)
EP 0159493 A2 19851030; EP 0159493 A3 19880601; EP 0159493 B1 19891108; AT E47921 T1 19891115; DE 3415215 A1 19851024; DE 3415215 C2 19880714; DE 3574188 D1 19891214; ES 542336 A0 19851216; ES 8603089 A1 19851216; GR 850904 B 19851125; JP H0648363 B2 19940622; JP S6111740 A 19860120; PT 80153 A 19850401; PT 80153 B 19861023; US 4663236 A 19870505

DOCDB simple family (application)
EP 85102318 A 19850301; AT 85102318 T 19850301; DE 3415215 A 19840421; DE 3574188 T 19850301; ES 542336 A 19850417; GR 850100904 A 19850410; JP 8273185 A 19850419; PT 8015385 A 19850322; US 72273285 A 19850411