

Title (en)

IMAGING ELEMENTS HAVING HYDROPHILIC LAYERS CONTAINING HYDROPHOBES IN POLYMER PARTICLES AND METHOD FOR MANUFACTURE THEREOF

Publication

EP 0266410 B1 19900919 (EN)

Application

EP 87903494 A 19870417

Priority

US 85814886 A 19860501

Abstract (en)

[origin: WO8706723A2] Imaging elements, including radiation-sensitive elements such as photographic color paper products, are comprised of a support bearing a substantially crystal- and agglomeration-free hydrophilic layer. This layer comprises a hydrophilic composition containing a hydrophilic binder and water-insoluble polymer particles dispersed therein. These particles have recurring units derived from a monomeric composition composed of one or more ethylenically unsaturated polymerizable monomers with more than about 5 percent and up to 100 percent by weight of the monomeric composition consisting of at least one ethylenically unsaturated polymerizable monomer having a crosslinkable moiety, and comprise at least about 0.5 percent by weight of a hydrophobe uniformly distributed throughout.

IPC 1-7

G03C 1/005; **G03C 1/79**

IPC 8 full level

G03C 1/06 (2006.01); **G03C 1/005** (2006.01); **G03C 7/388** (2006.01)

CPC (source: EP)

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Citation (examination)

Research Disclosure , no. 157 , May 1977 ,(Havant,Hampshire,GB),L.R.Hamilton et al .:"Photographic emulsion layers containing color-forming couplers ", page 4, disclosure no. 15713 see the whole disclosure

Designated contracting state (EPC)

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