

Title (en)

Imaging medium with reduced dye diffusion.

Title (de)

Aufzeichnungsmittel mit verringerter Farbstoffdiffusion.

Title (fr)

Matériau de formation d'images à diffusion de colorant réduite.

Publication

EP 0512476 B1 19950712 (EN)

Application

EP 92107576 A 19920505

Priority

US 69619691 A 19910506

Abstract (en)

[origin: EP0512476A1] An imaging medium comprises a color-forming layer comprising a color-forming composition adapted to undergo a change of color upon exposure to actinic radiation, the color-forming composition being dispersed in a first polymer having a glass transition temperature of at least 50 DEG C; and at least one diffusion-reducing layer in contact with one face of the color-forming layer, the or each diffusion-reducing layer comprising a second polymer, having a glass transition temperature of at least 50 DEG C, and being essentially free from the color-forming composition. Post-imaging diffusion of the colored materials formed during imaging is reduced by the use of the high glass transition temperature polymer in the color-forming layer and the provision of the diffusion-reducing layer(s), so that the images formed are stable upon storage. <IMAGE>

IPC 1-7

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IPC 8 full level

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CPC (source: EP)

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