

Title (en)

Thermally processable imaging element including an adhesive interlayer

Title (de)

Wärmeempfindliches Aufzeichnungselement mit klebender Zwischenschicht

Title (fr)

Élément d'enregistrement thermosensible avec couche intermédiaire adhésive

Publication

EP 0672544 B1 19980506 (EN)

Application

EP 95200593 A 19950310

Priority

- US 21377894 A 19940316
- US 21378494 A 19940316
- US 21349694 A 19940316

Abstract (en)

[origin: EP0672544A1] Thermally processable imaging elements in which the image is formed by imagewise heating or by imagewise exposure to light followed by uniform heating include an adhesive interlayer interposed between the imaging layer and a protective overcoat layer. The adhesive interlayer, which is comprised of a polymer having pyrrolidone functionality, a polymer having epoxy functionality or a polyalkoxysilane, strongly bonds the overcoat layer to the imaging layer.

IPC 1-7

B41M 5/40; G03C 1/76; G03C 1/498

IPC 8 full level

B41M 5/44 (2006.01); **G03C 1/498** (2006.01); **G03C 1/76** (2006.01); **G03C 1/91** (2006.01)

CPC (source: EP)

B41M 5/443 (2013.01); **G03C 1/49872** (2013.01); **G03C 1/7614** (2013.01); **G03C 1/91** (2013.01); **G03C 2200/35** (2013.01)

Cited by

EP1136877A3; EP1020760A3; US6899994B2; US6458511B1; US7592128B2; US7056639B2; WO2004014652A1; US6893797B2; WO03066338A1; US6846614B2; EP1249343A2; US6864040B2; US6596460B2

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