

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 A1 19950920 (EN)**

Application

**EP 95200593 A 19950310**

Priority

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

Abstract (en)

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)

Citation (search report)

- [X] EP 0568023 A2 19931103 - CANON KK [JP]
- [XD] EP 0354533 A1 19900214 - EASTMAN KODAK CO [US]
- [X] EP 0264827 A2 19880427 - KANZAKI PAPER MFG CO LTD [JP]

Cited by

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

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

**EP 0672544 A1 19950920**; **EP 0672544 B1 19980506**; DE 69502323 D1 19980610; DE 69502323 T2 19981224; JP H07319106 A 19951208

DOCDB simple family (application)

**EP 95200593 A 19950310**; DE 69502323 T 19950310; JP 5580095 A 19950315