

Title (en)

A heat sensitive imaging element and a method for producing lithographic plates therewith

Title (de)

Wärmempfindliches Aufzeichnungselement und Verfahren zur Herstellung von Flachdruckplatten damit

Title (fr)

Élément d'enregistrement thermosensible et procédé pour la fabrication de plaques lithographiques utilisant cet élément

Publication

**EP 0881096 A1 19981202 (EN)**

Application

**EP 98201273 A 19980420**

Priority

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- US 7334398 A 19980506

Abstract (en)

According to the present invention there is provided a heat sensitive imaging element comprising a lithographic base with a hydrophilic surface, an image forming layer including a hydrophobic thermoplastic polymer latex and a compound capable of converting light into heat being present in said image forming layer or a layer adjacent thereto, characterized in that the heat-sensitive imaging element comprises a barrier layer between the lithographic base having a hydrophilic surface and the image forming layer, said barrier layer and said image forming layer being removable in an aqueous solution with a pH of at least 5.

IPC 1-7

**B41M 5/36; B41C 1/10**

IPC 8 full level

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Citation (search report)

- [X] EP 0770495 A1 19970502 - AGFA GEVAERT NV [BE]
- [X] EP 0770494 A2 19970502 - AGFA GEVAERT NV [BE]
- [X] GB 1160221 A 19690806 - AGFA GEVAERT NV [BE]
- [AD] EP 0599510 A2 19940601 - DU PONT [GB]

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