

Title (en)

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

Title (de)

Wärmeempfindliches 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

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Application

EP 97200832 A 19970320

Priority

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- EP 96200972 A 19960409

Abstract (en)

[origin: EP0800928A1] According to the present invention there is provided a heat sensitive imaging element comprising on a hydrophilic surface of a lithographic base an image forming layer comprising hydrophobic thermoplastic polymer particles dispersed in a water insoluble alkali soluble or swellable resin and a compound capable of converting light into heat, said compound being present in said image forming layer or a layer adjacent thereto, characterized in that said alkali swellable or soluble resin comprises phenolic hydroxy groups.

IPC 1-7

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IPC 8 full level

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CPC (source: EP)

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Cited by

EP1038667A3; EP1344644A3; EP0864420A1; US6124425A; EP1627733A3; EP1439058A3; US7348126B2; US6177182B1; US7425405B2; US7078145B2; US6558787B1; US7026254B2; US6509133B1; US7195861B2; US7354696B2; US7358032B2

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