

Title (en)

A heat mode sensitive imaging element for making positive working printing plates.

Title (de)

Wärmeempfindliches Aufzeichnungsmaterial für die Herstellung von positiv arbeitenden Druckformen

Title (fr)

Matériau d'enregistrement thermosensible pour la fabrication de plaques d'impressions positives

Publication

**EP 0960728 B1 20030521 (EN)**

Application

**EP 98201800 A 19980528**

Priority

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Abstract (en)

[origin: EP0960728A1] According to the present invention there is provided a heat mode imaging element for making a lithographic printing plate comprising on a lithographic base with a hydrophilic surface a first layer including a polymer, soluble in an aqueous alkaline solution and a top layer on the same side of the lithographic base as the first layer which top layer is IR-sensitive and unpenetrable for an alkaline developer wherein said first layer and said top layer may be one and the same layer; characterized in that said top layer contains at least one compound containing epoxy units in an amount between 20 and 500 mg/m<sup>2</sup> and a hardener.

IPC 1-7

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

IPC 8 full level

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CPC (source: EP)

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Cited by

EP1136256A1; EP1156371A3; US6846613B2; US6723490B2; US6803167B2; US6593055B2; US7049045B2; US6800426B2; US6852464B2; WO2006079924A3; WO0214071A1; WO2007050336A3; WO03074287A1; US6887642B2; US6849372B2; US6942957B2; US7229744B2; US7060415B2; US6893783B2; US7163777B2; US6830862B2; WO2007050336A2; US6844141B1; US6992688B2; US6858359B2; US6593057B2

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