

Title (en)

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

Title (de)

Wärmeempfindliches Aufzeichnungsmaterial zur Herstellung von positiv arbeitenden Druckplatten

Title (fr)

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

Publication

**EP 0950518 B1 20020123 (EN)**

Application

**EP 99200511 A 19990223**

Priority

- EP 99200511 A 19990223
- EP 98201215 A 19980415

Abstract (en)

[origin: EP0950518A1] According to the present invention there is provided a heat mode imaging element for making a lithographic printing plate having on a lithographic base with a hydrophilic surface a first layer including a polymer that is soluble in an aqueous alkaline solution and a top layer on the same side of the lithographic base as the first layer that is IR-sensitive and unpenetrable for an alkaline developer; characterized in that at least one of said first layer and said top layer comprises a surfactant.

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

US7081329B2; EP1170123A3; US6846613B2; CN103879169A; EP1275498A3; US7049045B2; US6723490B2; US7060415B2; US6893783B2; US7297465B2; US6852464B2; US7163777B2; US6830862B2; US7604923B2; US6593055B2; US6716566B2; EP1162063B1; US7425400B2; US6803167B2; EP3170662A1; WO2017085002A1; EP2263874A1; WO2011067382A1; US8771918B2; US9738064B2; US6887642B2; US6849372B2; US6613494B2; EP2065211A1; US6942957B2; US7291443B2; US7229744B2; US7195859B2; US6844141B1; US7052822B2; US7338748B2; US7883827B2; EP2098376A1; EP2106924A1; US7026097B2; US6699636B2; US7005234B2; US7303857B2; EP2213690A1; WO2010086211A1; US8110337B2; US8978554B2; US6992688B2; US6858359B2; US6838222B2; EP2489512A1; WO2012110359A1; US9029066B2

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