

Title (en)

A heat sensitive imaging element for providing a lithographic printing plate

Title (de)

Wärmeempfindliches Aufzeichnungselement zur Herstellung lithographischer Druckplatten

Title (fr)

Élément formateur d'image sensible à la chaleur pour la fabrication de plaques d'impression lithographiques

Publication

EP 0960729 B1 20030528 (EN)

Application

EP 99200846 A 19990318

Priority

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- EP 98201727 A 19980525

Abstract (en)

[origin: EP0960729A1] According to the present invention there is provided a heat-sensitive imaging element for providing a lithographic printing plate, comprising a support and as top layer a heat switchable image forming layer comprising a hardened hydrophilic binder and a heat switchable polymer wherein said top layer or a layer adjacent to said top layer comprises a compound capable of converting light into heat;characterized in that said heat switchable polymer is a polymer containing aryldiazosulphonate units.

IPC 1-7

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IPC 8 full level

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CPC (source: EP)

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Cited by

EP1083055A4; EP1110719A3; US6808863B2; EP3032334A1; EP4382306A1; WO2024120763A1; EP2098376A1; EP2106924A1; US6589708B1; US6961074B2; US7061513B2; WO2017157579A1; WO2017157572A1; WO2017157578A1; WO2017157571A1; WO2017157576A1; WO2017157575A1; US8088561B2; US8419923B2; EP3637188A1; WO2020074258A1; EP2065211A1

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