

Title (en)

A photothermographic material and a method for producing lithographic plates therewith

Title (de)

Photothermographisches Material und Verfahren, um damit lithographische Platten herzustellen

Title (fr)

Matériau photothermographique et procédé pour la production d'une plaque lithographique utilisant ce matériau

Publication

**EP 0895122 A1 19990203 (EN)**

Application

**EP 98202304 A 19980708**

Priority

- EP 98202304 A 19980708
- EP 97202396 A 19970801

Abstract (en)

According to the present invention there is provided a photothermographic material comprising on a support a photo-addressable thermally developable element containing a substantially light-insensitive organic heavy-metal salt, photosensitive silver halide in catalytic association with said substantially light-insensitive organic heavy-metal salt, a reductor for said substantially light-insensitive organic heavy-metal salt and a binder, said photothermographic material having on the same side of the support as said photo-addressable thermally developable element an outermost layer having two phases at least one of which being a dispersion phase of thermoplastic particles, characterized in that said two phases exhibit different affinities for at least one printing liquid selected from the group consisting of ink and an abhesive fluid for ink.

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**G03C 1/498**; **B41C 1/10**

IPC 8 full level

**B41C 1/10** (2006.01); **G03C 1/498** (2006.01)

CPC (source: EP)

**B41C 1/10** (2013.01); **G03C 1/49872** (2013.01); **G03C 1/49881** (2013.01); **G03C 2001/7635** (2013.01)

Citation (search report)

- [XD] US 3476937 A 19691104 - VRANCKEN MARCEL NICOLAS
- [AD] CARPENTER ET.AL: "PHOTOTHERMOGRAPHIC SILVER HALIDE SYSTEMS", RESEARCH DISCLOSURE., vol. 170, no. 29, June 1978 (1978-06-01), HAVANT GB, pages 9 - 15, XP002060775

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EP1220025A3; US6620582B2

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