

Title (en)

HEAT-SENSITIVE LITHOGRAPHIC PRINTING PLATE PRECURSOR

Title (de)

WÄRMEEMPFLINDLICHER VORLÄUFER FÜR EINE LITHOGRAPHISCHE DRUCKPLATTE

Title (fr)

PRECURSEUR DE PLAQUE D'IMPRESSION LITHOGRAPHIQUE THERMOSENSIBLE

Publication

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Application

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Abstract (en)

[origin: WO2004035310A1] A heat-sensitive lithographic printing plate precursor is disclosed which comprises a hydrophilic support and an oleophilic coating comprising an infrared absorbing agent and a polymer, which comprises a phenolic monomeric unit wherein the phenyl group of the phenolic monomeric unit is substituted by a group having the structure -N=N-Q wherein the -N=N- group is covalently bound to a carbon atom of the phenyl group and wherein Q is an aromatic group and wherein the substitution increases the chemical resistance of the coating.

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