

Title (en)

Heat-sensitive lithographic printing plate precursor

Title (de)

Wärmeempfindlicher lithographischer Druckplattevorläufer

Title (fr)

Précurseur de plaque d'impression lithographique sensible à la chaleur

Publication

EP 1506858 A3 20051012 (EN)

Application

EP 04103278 A 20040709

Priority

- EP 04103278 A 20040709
- EP 03102522 A 20030813

Abstract (en)

[origin: EP1506858A2] 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 developer soluble polymer which comprises a phenolic monomeric unit wherein the phenyl group of the phenolic monomeric unit is substituted by a group Q, wherein Q has the structure <CHEM> and is covalently linked to a carbon atom of the phenyl group and wherein L<1>, L<2> and L<3> are linking groups, a, b and c are 0 or 1, and T<1>, T<2> and T<3> are terminal groups. The polymer, substituted by the group Q, increases the chemical resistance of the coating.

IPC 1-7

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IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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