

Title (en)

Positive-working lithographic printing plate precursor

Title (de)

Positivarbeitende lithographische Druckplattenvorläufer

Title (fr)

Précurseur de plaque d'impression lithographique de type positif

Publication

**EP 1380417 A1 20040114 (EN)**

Application

**EP 03101850 A 20030624**

Priority

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- EP 02100778 A 20020703

Abstract (en)

A positive-working lithographic printing plate precursor is disclosed which comprises (i) a grained and anodized aluminum support having a hydrophilic surface and (ii) a heat-sensitive oleophilic coating provided on the hydrophilic surface, wherein said coating is capable of dissolving in an aqueous alkaline developer at a higher dissolution rate in areas of said coating which are exposed to heat or infrared light than in unexposed areas, characterized in that the hydrophilic surface has a surface roughness, expressed as arithmetical mean center-line roughness Ra, which is less than 0.40  $\mu\text{m}$  and comprises more than 3.0 g/m<sup>2</sup> of aluminium oxide. The use of a low surface roughness as defined above provides an improved shelf life of the coating.

IPC 1-7

**B41C 1/10**

IPC 8 full level

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Citation (search report)

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