

Title (en)

A HEAT SENSITIVE PRINTING PLATE PRECURSOR

Title (de)

VORLÄUFER FÜR EINE WÄRMEEMPFINDLICHE DRUCKPLATTE

Title (fr)

PRECURSEUR DE PLANCHE D'IMPRESSION THERMOSENSIBLE

Publication

EP 0986485 A1 20000322 (EN)

Application

EP 98932143 A 19980602

Priority

- EP 9803476 W 19980602
- GB 9711388 A 19970603

Abstract (en)

[origin: GB2325887A] A lithographic printing plate precursor comprises a grained and anodised aluminium substrate coated with a metallic silver layer which is deposited by means of a silver salt diffusion transfer process in which the developer has a pH of at least 10. Imagewise exposure of the precursor by means of a high intensity laser beam removes the metallic layer in the exposed areas and allows for the direct provision of press ready plates showing high image quality and clean background, good press properties and high durability on press without the requirement for the use of intermediate film and developer chemistry. The plate precursors show increased sensitivity on exposure.

IPC 1-7

B41N 1/08; **B41C 1/10**

IPC 8 full level

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