

Title (en)

GRAVURE PLATE AND GRAVURE PROCESS FOR FULL PRINTING OF LARGE SURFACES

Title (de)

STICHTIEFDRUCKPLATTE UND STICHTIEFDRUCKVERFAHREN ZUM VOLLFLÄCHIGEN BEDRUCKEN GROSSER FLÄCHEN

Title (fr)

PLAQUE ET PROCEDE D'HELIOGRAVURE DESTINES A L'IMPRESSION COMPLETE DE GRANDES SURFACES

Publication

**EP 1119457 B2 20140723 (DE)**

Application

**EP 99947434 A 19990929**

Priority

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Abstract (en)

[origin: DE19845440A1] The invention relates to printing plates for full printing of large surfaces by means of a gravure process, a method for the production of said printing plates, and data carriers, especially banknotes with large-surface printed images that are produced according to a gravure process. In order to guarantee faultless inking, separating segments are provided in the engraving of the printing plate, whereby said separating segments protrude above the base surface of the engraving area in a perpendicular manner and are at least half as high as the depth of the engraving. The separating segments prevent, to a large extent, the printer's colour from being removed from the engraving surfaces when the printer's colour is wiped off from the surface of the printing plates. This makes it possible to provide full colour coatings for large areas. Special arrangement and special embodiment of the separating segments and the arrangement thereof enable the production of fine structures in the printing surface, whereby said fine structures can, according to the choice of distance between the separating segments, only be identified using auxiliary means of enlargement.

IPC 8 full level

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Citation (opposition)

Opponent :

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