

Title (en)

Method for evaluating image and method for controlling quality of lithographic printing plate

Title (de)

Bildbewertungsverfahren und Qualitätsüberwachungsverfahren für lithographische Druckplatten

Title (fr)

Procédé pour l'évaluation d'images et méthode pour le contrôle de qualité de plaques d'impression lithographique

Publication

EP 1295716 A3 20040102 (EN)

Application

EP 02021328 A 20020920

Priority

JP 2001289474 A 20010921

Abstract (en)

[origin: EP1295716A2] An image-evaluating method comprising: (i) a step of forming plural lithographic printing plates for evaluation by subjecting image-forming materials comprising a support having provided thereon a light-sensitive layer containing both an alkaline aqueous solution-soluble resin and a compound which absorbs a light to generate heat, to exposure under a plurality of conditions with stepwise changing plate surface energy; (ii) a step of preserving the exposed plural lithographic printing plates for evaluation at a temperature of 15 to 23 DEG C; (iii) a step of developing at least one of the plural lithographic printing plates for evaluation with a standard developing solution having a standard formulation to prepare a lithographic printing plate having been treated with the standard developing solution; (iv) a step of developing other lithographic printing plates for evaluation than the above-described lithographic printing plate having been developed with the standard developing solution, with a developing solution to be evaluated according to the necessity of evaluation to thereby prepare lithographic printing plates having been treated with the developing solution to be evaluated; and (v) a step of comparing the state of image areas or non-image areas formed under predetermined exposure conditions in the lithographic printing plate having been treated with the standard developing solution with that in the lithographic printing plates having been treated with the developing solution to be evaluated.

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IPC 8 full level

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Citation (search report)

- [PA] US 6436596 B1 20020820 - AONO KOICHIRO [JP], et al & JP 2001117215 A 20010427 - FUJI PHOTO FILM CO LTD
- [DA] PATENT ABSTRACTS OF JAPAN vol. 2000, no. 16 8 May 2001 (2001-05-08)

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