

Title (en)

Method of printing an image on a metallic surface, particularly on a coin surface

Title (de)

Verfahren zum Bedrucken von metallischen Oberflächen, insbesondere die Oberflächen von Münzen

Title (fr)

Méthode pour l'impression des surfaces métalliques, en particulier des surfaces de pièce de monnaie

Publication

EP 1839893 B1 20100623 (EN)

Application

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Priority

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Abstract (en)

[origin: EP1839893A1] A method of printing on a metal surface includes steps of forming a plurality of macropores (110) on at least a portion of a metal surface. A plurality of micropores (112) are formed within and adjacent to the macropores. The metal surface is cleaned, and a first ink having a first color is applied to the macropores and micropores to form at least one image (114) on the metal surface. Preferably, the ink is applied using an inkjet printer. The ink is dried. A second ink (120) having a second color may also be applied to the metal surface and then dried. Additional inks may also be applied. A lacquer top coat (122) may be applied to the metal surface on top of the first ink (and additional inks, if provided). Preferably, the metal surface is part of a coin (100).

IPC 8 full level

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CPC (source: EP)

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Citation (examination)

MCNAUGHT, A.D. AND WILKINSON, A.: "Compendium of Chemical Terminology, 2nd edition", 1997, BLACKWELL SCIENCE, ISBN: 0-86542-6848

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