

Title (en)

Process and material for producing printed designs having three-dimensional visual effect

Title (de)

Verfahren und Material zur Herstellung gedruckten Kennzeichen mit dreidimensionalem optischen Effekt

Title (fr)

Procédé et matériau pour la production de motifs imprimés avec effect tridimensionnel

Publication

**EP 1908598 A1 20080409 (EN)**

Application

**EP 06121746 A 20061004**

Priority

EP 06121746 A 20061004

Abstract (en)

In a process for producing a printed design creating 3D visual effect, a compound consisting of a printing ink (11) blended with magnetic particles (10) is used. The printing ink (11) containing the magnetic particles (10) is applied onto a printing plate (12) on a printing apparatus (15), and a tool (16) capable of producing a required magnetic force is positioned at a predetermined area of the applied printing ink (11), so that the magnetic particles (10) in the printing ink (11) are attracted and gathered to form ups and downs in the area and create a 3D visual effect.

IPC 8 full level

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CPC (source: EP US)

**B41M 3/00** (2013.01 - EP); **B41M 3/148** (2013.01 - EP); **B44F 7/00** (2013.01 - EP US)

Citation (search report)

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