

Title (en)
THIN SHEET LENTICULAR LENS MATERIAL PRINTING PROCESS

Title (de)
VERFAHREN ZUM BEDRUCKEN VON DÜNNEM LINSENRASTERMATERIAL

Title (fr)
PROCEDE D'IMPRESSION DE MATIERE DE LENTILLE LENTICULAIRE SOUS FORME DE FEUILLE MINCE

Publication
EP 1007360 A1 20000614 (EN)

Application
EP 99924370 A 19990519

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- US 14145998 A 19980827

Abstract (en)
[origin: WO9959820A1] A process for printing an image (1c) on a lenticular lens material (12) with a printing press (10). A separate film negative (B, C, Y, M) is prepared for each color used in printing the image. One of the negatives (B) is selected and each of the other negatives, and the lens material, is registered with the selected negative. Each of negatives is adjusted to the selected negative so all of the negatives and the lens material are in registry with each other. Separate printing plate (18) are prepared from each of the negatives. The plates are mounted on the press at respective printing stations and the lens material is run through the press with each of the plates being used to print on the material. The plates are adjusted, as necessary, to align the plates and register the color dot patterns printed by each plate to the color printed by the plate made from the selected negative. After the adjustment, the lens material is run through the press and printed with the resulting printed image displaying desired visual effects when viewed through lenticules (14) formed on the other side of the lens material from the side (16) on which the image is printed.

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IPC 8 full level
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