

Title (en)
METHOD FOR PRODUCING A PARTICULAR PHOTOLUMINESCENT POLYCHROMATIC PRINTED IMAGE, RESULTING IMAGE AND USES

Title (de)
VERFAHREN ZUM HERSTELLEN EINES MEHRFARBIGEN FOTOLUMINESZIERENDEN BILDES, SO HERGESTELLTES BILD UND SEINE ANWENDUNGEN

Title (fr)
PROCEDE DE REALISATION D'UNE IMAGE POLYCHROMATIQUE IMPRIMEE PHOTOLUMINESCENTE QUELCONQUE, IMAGE OBTENUE ET APPLICATIONS

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Application
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Priority

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Abstract (en)
[origin: US6494490B1] A process for producing any photoluminescent printed polychromatic image (8), and the image obtained thereby. At least one set of at least three monochromatic filtered images (6a, 6b, 6c) is prepared from any original polychromatic image (1) visible in visible light which is filtered with a spectral pass-band below or equal to 15 nm, according to at least three wavelengths of fundamental colors equal to the wavelengths of the luminescent pigments used, with the corresponding monochromatic filtered images (6a, 6b, 6c), in order to print separately, one above the other, three monochromatic printed images (8a, 8b, 8c). The invention concerns the image obtained, a protective device and a document carrying such an image.

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- WO 9840223 A1 19980917 - POLAROID CORP [US]
- EP 0049113 A2 19820407 - FANUC LTD [JP]
- US 4897300 A 19900130 - BOEHM MICHAEL [DE]
- WO 9710958 A1 19970327 - DE LA RUE THOMAS & CO LTD [GB], et al
- US 3048697 A 19620807 - CAVANAUGH WILLIAM J, et al
- US 5232527 A 19930803 - VERNHET LOUIS [FR], et al
- US 4822998 A 19890418 - YOKOTA SATOSHI [JP], et al

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