

Title (en)
PROCESS FOR THE MANUFACTURE OF A COLOUR-MARKED OBJECT

Title (de)
VERFAHREN ZUR HERSTELLUNG EINES GEGENSTANDS MIT FARBIGEN MARKIERUNG

Title (fr)
PROCESSUS DE FABRICATION D'UN ARTICLE AVEC UNE MARQUE COLOREE

Publication
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Application
EP 96941221 A 19961128

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Abstract (en)
[origin: WO9721550A1] Process for the manufacture of a colour-marked object by irradiating the surface of the object with laser light, characterized in that the object, at least at the location where the marking is applied, consists of a plastic composition which contains at least three light-absorbing components which exhibit a maximum in their light absorption spectra at different wavelengths and lose their light-absorbing capacity under the influence of laser light, with the marking being applied in the form of matrix dots by irradiating the object's surface at the location of the matrix dots with laser light of such wavelength and intensity and for such duration that at least one of the light-absorbing components has wholly or partially lost its light-absorbing capacity.

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