

Title (en)
METHOD FOR APPLYING COLOURED CHARACTERS ON A DATA STORAGE MEDIUM WHICH IS PREFERABLY MADE FROM PLASTIC AND DATA STORAGE MEDIA ACCORDING TO SAID METHOD

Title (de)
VERFAHREN ZUR AUFBRINGUNG VON FARBIGEN ZEICHEN AUF EINEN DATENTRÄGER VORZUGSWEISE AUS KUNSTSTOFF UND NACH DEM VERFAHREN HERGESTELLTER DATENTRÄGER

Title (fr)
PROCEDE POUR APPLIQUER DES MARQUES DE COULEUR SUR UN SUPPORT DE DONNEES, DE PREFERENCE EN MATIERE PLASTIQUE, ET SUPPORT DE DONNEES PRODUIT SELON LEDIT PROCEDE

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Application
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Abstract (en)
[origin: WO0128778A3] The invention relates to a method for applying coloured characters on a data storage medium, which is preferably made from plastic, by means of a laser system, whereby latent pigments are applied in at least one surface layer and/or surface adjacent layer. The absorption characteristics of said latent pigments can be changed by energetic stimulation. Said stimulation occurs in those areas of the surface of the data storage medium allotted to the characters, by means of laser radiation in the IR/visible region, whose energetic stimulation is such that a colour change occurs in said latent pigments. After said colour change in the laser irradiated latent pigments, the latent pigments which have not been stimulated by laser irradiation are irradiated by light in the UV wavelength region, whose energetic stimulation is such that the pigments, irradiated by this means, are rendered colourless.

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