

Title (en)
Carrier of information bearing a watermark

Title (de)
Informationsträger mit einem Wasserzeichen

Title (fr)
Support d'information comportant une filigrane

Publication
EP 1398175 A2 20040317 (EN)

Application
EP 03102696 A 20030904

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Abstract (en)
An information carrier comprising a support and a receiving layer is disclosed, together with the method of preparation. The information carrier further comprises (optionally personalized) information applied, preferably by ink jet printing, on the receiver layer, and a new type of watermark, obtained by applying pattern-wise a curable varnish and curing it, and by curing an overall applied curable lacquer. One of the varnish and the lacquer have the ability upon penetration into the receiving layer of changing its transparency, thus creating a transparent watermark on an opaque background, or creating an opaque watermark on an transparent background. The finished information carrier is preferably cut in a set of multiple identification (ID) cards.
An information carrier comprises rigid sheet and an opaque porous receiving layer containing a pigment and a binder which is rendered substantially transparent by penetration of lacquer. A cured varnish pattern is provided with image onto the receiving layer. A cured layer of lacquer again is provided on receiving layer with image, such that cured pattern of varnish forms an opaque watermark. An independent claim is also included for method of producing information carrier.

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IPC 8 full level
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