

Title (en)

MULTILAYER BODY WITH A FIRST LASER-SENSITIVE LAYER AND A SECOND LASER-SENSITIVE LAYER AND METHOD FOR GENERATION OF A MULTILAYER IMAGE IN SAID MULTILAYER BODY

Title (de)

MEHRSCHICHTENKÖRPER MIT EINER ERSTEN LASERSENSITIVEN SCHICHT UND EINER ZWEITEN LASERSENSITIVEN SCHICHT SOWIE VERFAHREN ZUR ERZEUGUNG EINES MEHRSCHICHTENBILDES IN EINEM SOLCHEN MEHRSCHICHTENKÖRPER

Title (fr)

CORPS MULTICOUCHE COMPRENANT UNE PREMIERE ET UNE SECONDE COUCHE SENSIBLE AU LASER ET PROCEDE POUR PRODUIRE UNE IMAGE MUTLICOUCHE DANS CE CORPS

Publication

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Application

**EP 02742734 A 20020508**

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Abstract (en)

[origin: WO03039888A1] A multilayer body is disclosed, comprising two laser-sensitive layers (4, 32). Said multilayer body is a laminated body of overlay films (30, 32), inlays (90, 90) and further overlay films (30,30). The upper overlay film (30) comprises a layer structure applied to the underside thereof by application of a hot-stamp film. The layer structure comprises a lacquer layer (50), a reflection layer (5r), a laser-sensitive layer (4), a background layer (5) and an adhesive layer (6). A diffraction and/or hologram structure (5b) is embodied in the lacquer layer (5c), the reflection layer (5r) and the laser-sensitive layer (4). The second laser-sensitive layer is embodied as a carbon-doped overlay film (32). A laser-induced, preferably coloured image component can be generated in the upper laser-sensitive layer (4) and a further, preferably grey-scale image generated in the carbon-doped laser-sensitive layer (32) thereunder by means of laser treatment. A laser-induced multilayer image can thus be produced.

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