Title (en)

Multilayered data carrier and its method of manufacture.

Title (de)

Mehrschichtiger Datenträger und Verfahren zu seiner Herstellung.

Title (fr)

Support de données multicouche et méthode de sa fabrication.

Publication

EP 0477535 A2 19920401 (DE)

Application

EP 91114013 A 19910821

Priority

DE 4030493 A 19900926

Abstract (en)

The data support, partic an identity card or bond, has a surface section (3) giving optically variable effects pref a hologram, dependent on the angle of observation. At this section additional data in the form of letters, strips, patterns etc, is applied subsequently. The data is superimposed on the optically variable effect (4), and is likewise visually recongisable.
The invention relates to a data carrier, in particular an identity card, a security or the like, in which a flat element (OVD) is applied which has optically variable effects depending on the viewing angle. Provided within at least one defined region of the OVD, between the OVD and the surface of the data carrier, is additional information in the form of characters, patterns or the like which, when applied to the OVD later, superimpose the optically variable effect of the OVD and are likewise visually recognisable. Furthermore, a method of manufacturing such a data carrier is described. <IMAGE>

Abstract (de)

Die Erfindung betrifft einen Datenträger (1), insbesondere eine Ausweiskarte, ein Wertpapier oder dergleichen, bei dem ein flaches Element (OVD) (3) aufgebracht ist, das optisch variable Effekte aufweist, welche vom Betrachtungswinkel abhängig sind. Innerhalb wenigstens eines definierten Bereichs des OVD (3) sind zwischen OVD (3) und der Oberfläche des Datenträgers (1) Zusatzinformationen (5) in Form von Schriftzeichen, Mustern oder dergleichen vorgesehen, die, am OVD (3) nachträglich eingebracht, dem optisch variablen Effekt des OVD (3) überlagert und ebenfalls visuell erkennbar sind. Ferner wird ein Verfahren zur Herstellung eines solchen Datenträgers (1) beschrieben. <IMAGE>

IPC 1-7

B42D 15/10

IPC 8 full level

B44F 1/02 (2006.01); **B42D 15/10** (2006.01); **B42D 25/00** (2014.01); **B42D 25/328** (2014.01); **B42D 25/373** (2014.01); **G06K 19/06** (2006.01); **G06K 19/077** (2006.01)

CPC (source: EP US)

B42D 25/23 (2014.10 - EP); **B42D 25/305** (2014.10 - US); **B42D 25/328** (2014.10 - EP); **B42D 25/373** (2014.10 - EP); **B42D 25/378** (2013.01 - EP); **B42D 25/425** (2014.10 - EP); **B42D 25/45** (2014.10 - US); **B42D 25/455** (2014.10 - EP); **B42D 25/46** (2014.10 - EP); **B42D 25/47** (2014.10 - EP)

Cited by

EP1167075A3; DE4432062C1; EP0723246A3; CZ298221B6; EP0829779A3; WO03031198A1; WO2005034048A1; EP2289707B2

Designated contracting state (EPC)

AT BE CH DE ES FR GB IT LI LU NL SE

DOCDB simple family (publication)

EP 0477535 A2 19920401; **EP 0477535 A3 19920429**; **EP 0477535 B1 19960110**; AT E132811 T1 19960115; AU 656149 B2 19950127; AU 8476291 A 19920402; CA 2052232 A1 19920327; DE 4030493 A1 19920402; DE 59107238 D1 19960222; ES 2082064 T3 19960316; JP 3354580 B2 20021209; JP H04273392 A 19920929; MX 173731 B 19940322; ZA 916843 B 19920624

DOCDB simple family (application)

EP 91114013 A 19910821; AT 91114013 T 19910821; AU 8476291 A 19910925; CA 2052232 A 19910925; DE 4030493 A 19900926; DE 59107238 T 19910821; ES 91114013 T 19910821; JP 24802091 A 19910926; MX 9101146 A 19910919; ZA 916843 A 19910829