

Title (en)  
Data carrier and its method of production

Title (de)  
Datenträger und Verfahren zu seiner Herstellung

Title (fr)  
Support de données et sa méthode de fabrication

Publication  
**EP 0718121 A2 19960626 (DE)**

Application  
**EP 95120144 A 19951220**

Priority  
DE 4445822 A 19941221

Abstract (en)  
[origin: JPH08248864A] PROBLEM TO BE SOLVED: To provide a data carrier, from which no real feature cannot be duplicated or copied, such as an identity card, a credit card. SOLUTION: The first diffusible light scattering property is arranged at least in a partial area 5 in a plastic layer according to the surface characteristic of the plastic layer. In the area 5, the surface characteristic, which is formed by a laser means, is locally changed into a shape 3 so as to be provided with the second diffusible light scattering property, and in this area 5, the first information is applied, so that information can be read at least by a certain angle of a field of view without any chromatic reference with the periphery.

Abstract (de)  
Die Erfindung betrifft einen Datenträger (1), wie eine Ausweiskarte, Kreditkarte oder dergleichen, mit wenigstens einer Kunststoffschicht, die zumindest in einem Teilbereich aufgrund ihrer Oberflächenbeschaffenheit erste diffus lichtstreuende Eigenschaften aufweist. In diesen Bereich werden mittels eines Lasers Informationen (4) in Form von lokalen Änderungen der Oberflächenbeschaffenheit vorgesehen, die zweite diffus lichtstreuende Eigenschaften aufweisen, so daß die Informationen (4) zumindest unter einem bestimmten Betrachtungswinkel lesbar sind, aber keinen farblichen Kontrast zu ihrer Umgebung aufweisen. <IMAGE>

IPC 1-7  
**B42D 15/10**

IPC 8 full level  
**B42D 15/10** (2006.01); **B42D 25/00** (2014.01); **B42D 25/41** (2014.01); **B42D 25/43** (2014.01); **G03H 1/18** (2006.01); **G06K 19/06** (2006.01); **G06K 19/10** (2006.01)

CPC (source: EP US)  
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