

Publication

**EP 0718121 A3 19960724**

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.

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)

**B42D 25/00** (2014.10 - EP US); **B42D 25/24** (2014.10 - EP); **B42D 25/324** (2014.10 - EP US); **B42D 25/333** (2014.10 - EP); **B42D 25/351** (2014.10 - EP); **B42D 25/41** (2014.10 - EP US); **B42D 25/425** (2014.10 - EP); **B42D 25/43** (2014.10 - EP US); **B42D 25/435** (2014.10 - EP); **B42D 25/45** (2014.10 - EP); **B42D 2033/24** (2022.01 - EP); **B42D 2035/30** (2022.01 - EP); **Y10T 428/24802** (2015.01 - EP US); **Y10T 428/24868** (2015.01 - EP US); **Y10T 428/24876** (2015.01 - EP US); **Y10T 428/24934** (2015.01 - EP US)

Citation (search report)

[A] EP 0518363 A1 19921216 - EPC TECHNOLOGY CO LTD [JP], et al

Cited by

CN109291684A

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**EP 0718121 A2 19960626; EP 0718121 A3 19960724; EP 0718121 B1 19990602;** AT E180720 T1 19990615; DE 4445822 A1 19960627; DE 59506095 D1 19990708; DK 0718121 T3 19991115; ES 2131750 T3 19990801; JP 3902257 B2 20070404; JP H08248864 A 19960927; US 5958528 A 19990928; ZA 9510839 B 19960620

DOCDB simple family (application)

**EP 95120144 A 19951220;** AT 95120144 T 19951220; DE 4445822 A 19941221; DE 59506095 T 19951220; DK 95120144 T 19951220; ES 95120144 T 19951220; JP 33363295 A 19951221; US 57503495 A 19951219; ZA 9510839 A 19951220