

Title (en)
STOCK COMPRISING A MASKING FIELD FOR HIDING A CONFIDENTIAL INFORMATION PATTERN

Title (de)
DRUCKTRÄGER MIT TARNFELD ZUM VERSTECKEN EINES VERTRAULICHEN INFORMATIONSMUSTERS

Title (fr)
SUPPORT A IMPRIMER COMPORTANT UN CHAMP DE MASQUAGE DESTINE A CACHER UN MOTIF D'INFORMATIONS CONFIDENTIEL

Publication
EP 1771307 A1 20070411 (DE)

Application
EP 05754456 A 20050707

Priority

- CH 2005000388 W 20050707
- CH 11422004 A 20040707
- CH 13532004 A 20040817
- CH 17832004 A 20041028
- CH 2822005 A 20050217

Abstract (en)
[origin: WO2006002571A1] The invention relates to stock comprising a masking field on which an information pattern can be printed in such a way that it can be recognised in front of the background of the masking field only once certain manipulations have been carried out. The aim of the invention is to increase the security of the confidential information. To this end, the following measures are carried out individually or as a combination: the masking field contains irregularly distributed colour points of between 50 and 400 µm, amounting to an entire surface area of between 0.3 and 0.5 cm² per cm²; and/or the masking field consists of a plurality of superimposed printed layers; and/or the masking field is printed with a printing ink, of which at least 50 % is concentrated in a masking field layer; and/or the masking field can be removed, at least partially and/or together with other layers, using an adhesive strip, with a peeling force of between 0.5 N / 50 mm and 2 N / 50 mm according to the Finat test method no. 1; and/or the stock is provided with a thermochromatic reagent which changes colour irreversibly under the effect of heat, from a temperature of 140°; and/or the stock is provided with a solvent-reactive reagent which changes colour irreversibly in a solvent atmosphere.

IPC 8 full level
B42D 15/02 (2006.01)

CPC (source: EP US)
B42D 15/025 (2013.01 - EP US)

Citation (search report)
See references of WO 2006002571A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2006002571 A1 20060112; AU 2005259752 A1 20060112; EP 1771307 A1 20070411; US 2008012288 A1 20080117

DOCDB simple family (application)
CH 2005000388 W 20050707; AU 2005259752 A 20050707; EP 05754456 A 20050707; US 63160005 A 20050707