

Title (en)
SECURITY DOCUMENT AND CORRESPONDING MANUFACTURING PROCESS INVOLVING A PERFORATED OPAQUE LAYER ABOVE A COLOR SUBPIXEL MATRIX

Title (de)
SICHERHEITSDOKUMENT UND ENTSPRECHENDES HERSTELLUNGSVERFAHREN MIT EINER PERFORIERTEN LICHTUNDURCHLÄSSIGEN SCHICHT ÜBER EINER MATRIX AUS FARBIGEN SUBPIXELN

Title (fr)
DOCUMENT DE SÉCURITÉ ET PROCÉDÉ DE FABRICATION CORRESPONDANT COMPORTANT UNE COUCHE OPAQUE PERFORÉE AU-DESSUS D'UNE MATRICE DE SOUS-PIXELS COLORÉS

Publication
EP 4344897 A1 20240403 (FR)

Application
EP 23186957 A 20230721

Priority
FR 2209844 A 20220928

Abstract (en)
[origin: US2024100875A1] A security document having a stack of layers including a matrix of coloured sub-pixels, an opaque layer with a white appearance above the matrix of coloured sub-pixels, the opaque layer with a white appearance having perforations facing sub-pixels of the matrix of coloured sub-pixels such that, when the device is observed from above, a coloured image appears.

Abstract (fr)
Document de sécurité comprenant un empilement de couches comportant une matrice (101) de sous-pixels colorés (SB, SM, SJ), une couche opaque d'apparence blanche (102) au-dessus de la matrice de sous-pixels colorés, dans lequel la couche opaque d'apparence blanche comporte des perforations (PF) en regard de sous-pixels de la matrice de sous-pixels colorés de sorte que lorsque le dispositif est observé par le dessus, une image colorée apparaît.

IPC 8 full level
B42D 25/346 (2014.01); **B41M 3/14** (2006.01); **B41M 5/26** (2006.01); **B42D 25/351** (2014.01); **B42D 25/435** (2014.01)

CPC (source: EP US)
B41M 3/14 (2013.01 - EP); **B41M 5/34** (2013.01 - US); **B42D 25/346** (2014.10 - EP US); **B42D 25/351** (2014.10 - EP); **B42D 25/373** (2014.10 - US); **B42D 25/41** (2014.10 - EP US); **B42D 25/435** (2014.10 - EP); **B42D 25/45** (2014.10 - US); **B41M 5/267** (2013.01 - EP)

Citation (applicant)
• FR 2972553 A1 20120914 - LAZZARI JEAN PIERRE [FR], et al
• FR 3079052 A1 20190920 - IDEMIA FRANCE [FR]

Citation (search report)
• [YA] WO 2016030315 A1 20160303 - BUNDESDRUCKEREI GMBH [DE]
• [YA] FR 3055112 A1 20180223 - OBERTHUR TECHNOLOGIES [FR]
• [YA] US 2005001419 A1 20050106 - LEVY KENNETH L [US], et al
• [AD] FR 2972553 A1 20120914 - LAZZARI JEAN PIERRE [FR], et al
• [A] EP 3828000 A1 20210602 - IDEMIA FRANCE [FR]
• [A] WO 2019034398 A1 20190221 - LEONHARD KURZ STIFTUNG & CO KG [DE]
• [A] JP 2005219296 A 20050818 - NAT PRINTING BUREAU

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
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