

Title (en)
DOCUMENT OF VALUE AND/OR SECURITY DOCUMENT WITH COLOURED TRANSPARENT SECURITY FEATURE AND METHOD FOR PRODUCING THE SAME

Title (de)
WERT- UND/ODER SICHERHEITSDOKUMENT MIT FARBIGEM DURCHSICHTSICHERHEITSMERKMAL UND VERFAHREN ZU DESSEN HERSTELLUNG

Title (fr)
DOCUMENT DE VALEUR ET/OU DE SÉCURITÉ PRÉSENTANT UNE CARACTÉRISTIQUE DE SÉCURITÉ COLORÉE TRANSPARENTE, AINSI QUE SON PROCÉDÉ DE FABRICATION

Publication
EP 2643161 A1 20131002 (DE)

Application
EP 11788132 A 20111123

Priority
• DE 102010062046 A 20101126
• EP 2011070837 W 20111123

Abstract (en)
[origin: WO2012069547A1] In order to generate a novel security feature for documents of value and/or security documents, a document of value and/or security document (10) having preferably at least one document layer (13, 14) is created. A first pattern formed from first image elements (14.1, 14.2, 14.3, 14.4, 14.5) is located in one or more first planes. Furthermore, a second pattern, which is formed from second image elements (13.1, 13.5) and is arranged in register in relation to the first image elements (14.1, 14.2, 14.3, 14.4, 14.5) of the first pattern is located in one or more second planes. The second image elements (13.1) are located between the first image elements (14.1, 14.2, 14.3, 14.4) and outer sides of the document of value and/or security document (10). A second image element (13.1) is arranged in each case only over some of the first image elements (14.1, 14.2, 14.3, 14.4). The first pattern elements (14.1 to 14.5) are of transparent and/or translucent design. It is also the case that the rest of the document of value and/or security document (10), as seen along a viewing axis (S), is of transparent and/or translucent design, with the exception of the second pattern elements (13.1, 13.5), in the region of the first pattern elements (14.1 to 14.5), and therefore it is possible to make out, by transmitted light, information defined by the patterns.

IPC 8 full level
B42D 15/00 (2006.01); **B32B 33/00** (2006.01); **B41M 3/14** (2006.01); **B42D 15/10** (2006.01); **B44F 1/10** (2006.01)

CPC (source: EP US)
B41M 3/148 (2013.01 - EP); **B42D 25/351** (2014.10 - EP US); **B42D 25/41** (2014.10 - EP US); **B42D 25/455** (2014.10 - EP); **B42D 25/46** (2014.10 - EP); **B42D 2033/04** (2022.01 - EP); **B42D 2033/06** (2022.01 - EP); **B42D 2033/14** (2022.01 - EP); **B42D 2035/08** (2022.01 - EP); **B42D 2035/14** (2022.01 - EP); **B42D 2035/24** (2022.01 - EP)

Citation (search report)
See references of WO 2012069547A1

Cited by
EP4328043A1

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 MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
DE 102010062046 A1 20120531; EP 2643161 A1 20131002; EP 2643161 B1 20190116; WO 2012069547 A1 20120531

DOCDB simple family (application)
DE 102010062046 A 20101126; EP 11788132 A 20111123; EP 2011070837 W 20111123