

Title (en)

SECURITY ELEMENT HAVING A MAGNIFIED, THREE-DIMENSIONAL MOIRÉ IMAGE

Title (de)

SICHERHEITSELEMENT MIT VERGRÖßERTEM, DREIDIMENSIONALEN MOIRÉ-BILD

Title (fr)

ÉLÉMENT DE SÉCURITÉ

Publication

EP 2164713 B1 20160406 (DE)

Application

EP 08759342 A 20080625

Priority

- EP 2008005174 W 20080625
- DE 102007029204 A 20070625

Abstract (en)

[origin: WO2009000527A1] The invention relates to a representation system for security papers, value documents, electronic display elements or other data carriers, comprising a raster image system for representing a predetermined three-dimensional body (30) that is defined by a body function $f(x,y,z)$. Said raster image system comprises a motif image which is subdivided into a plurality of cells (24) in which imaged areas of the predetermined body (30) are arranged, a viewing raster (22) from a plurality of viewing elements for representing the predetermined body (30) when the motif image is viewed using the viewing raster (22), the motif image and its subdivision into a plurality of cells (24) having an image function $m(x,y)$ that is defined by formula (I) with (II) and (III).

IPC 8 full level

B42D 25/29 (2014.01); **B42D 25/324** (2014.01); **B42D 25/342** (2014.01); **B44F 1/10** (2006.01); **B44F 7/00** (2006.01)

CPC (source: EP US)

B42D 25/23 (2014.10 - US); **B42D 25/29** (2014.10 - US); **B42D 25/324** (2014.10 - EP US); **B42D 25/342** (2014.10 - EP US); **B44F 1/10** (2013.01 - EP US); **B44F 7/00** (2013.01 - EP US); **B42D 2035/20** (2022.01 - EP)

Citation (examination)

WO 2006125224 A2 20061123 - NANOVENTIONS INC [US], et al

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

DE 102007029204 A1 20090108; AU 2008267365 A1 20081231; AU 2008267365 B2 20130404; AU 2008267368 A1 20081231; AU 2008267368 B2 20130418; CN 101687427 A 20100331; CN 101687427 B 20120118; CN 101711203 A 20100519; CN 101711203 B 20130313; EP 2164711 A1 20100324; EP 2164711 B1 20160601; EP 2164713 A2 20100324; EP 2164713 B1 20160406; RU 2010101423 A 20110727; RU 2010101424 A 20110727; RU 2466030 C2 20121110; RU 2466875 C2 20121120; US 2010177094 A1 20100715; US 2010208036 A1 20100819; US 8400495 B2 20130319; US 8878844 B2 20141104; WO 2009000527 A1 20081231; WO 2009000530 A2 20081231; WO 2009000530 A3 20090430

DOCDB simple family (application)

DE 102007029204 A 20070625; AU 2008267365 A 20080625; AU 2008267368 A 20080625; CN 200880021866 A 20080625; CN 200880021867 A 20080625; EP 08759341 A 20080625; EP 08759342 A 20080625; EP 2008005171 W 20080625; EP 2008005174 W 20080625; RU 2010101423 A 20080625; RU 2010101424 A 20080625; US 66583408 A 20080625; US 66584308 A 20080625