

Title (en)

Tactile safety feature for valuable documents

Title (de)

Taktil erfassbares Sicherheitsmerkmal für Wertdokumente

Title (fr)

Caractéristique de sécurité tactilement identifiable pour des documents de valeur

Publication

EP 2878455 B1 20200930 (DE)

Application

EP 14003881 A 20141118

Priority

DE 102013019665 A 20131122

Abstract (en)

[origin: CA2866532A1] The invention relates to a security feature for value documents, in particular bank notes, identification cards and the like, wherein the security feature has at least two tactilely detectable structures which are located on at least one side of a substrate of the value document. Each of the at least two tactilely detectable structures has a tactilely detectable surface condition, wherein the surface condition of at least two tactilely detectable structures differs. According to the invention, the sum of the areas of the at least two tactilely detectable structures amounts to at least 30%, preferably at least 50%, based on the total area of one side of the value document.

IPC 8 full level

B42D 25/324 (2014.01); **B41J 2/14** (2006.01)

CPC (source: EP)

B42D 25/324 (2014.10)

Citation (opposition)

Opponent : De la Rue International Limited

- WO 2013167887 A1 20131114 - RUE DE INT LTD [GB]
- WO 2010089156 A1 20100812 - BUNDESDRUCKEREI GMBH [DE], et al
- US 2012216947 A1 20120830 - HUBER PETER [DE], et al
- CA 2446559 A1 20021128 - GIESECKE & DEVRIENT GMBH [DE]
- US 2006119096 A1 20060608 - REINHART WERNER [DE]
- WO 2013131919 A1 20130912 - OBERTHUR FIDUCIAIRE SAS [FR]
- US 4588212 A 19860513 - CASTAGNOLI RINALDO [CH]
- SKEDUNG ET AL.: "Feeling Small: Exploring the Tactile Perception Limits", SCIENTIFIC REPORTS, vol. 3, 12 September 2013 (2013-09-12), XP055595873, DOI: 10.1038/srep02617

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)

EP 2878455 A1 20150603; EP 2878455 B1 20200930; CA 2866532 A1 20150522; CA 2866532 C 20211116; DE 102013019665 A1 20150528

DOCDB simple family (application)

EP 14003881 A 20141118; CA 2866532 A 20141008; DE 102013019665 A 20131122