

Title (en)
Tactile safety element

Title (de)
Takiles Sicherheitselement

Title (fr)
Élément de sécurité tactile

Publication
EP 2119571 A1 20091118 (DE)

Application
EP 08008961 A 20080515

Priority
EP 08008961 A 20080515

Abstract (en)
Value document made from a fibrous material, preferably paper with an embedded security element, which consists of a perforated foil, which is at least partially embedded in the value document, is claimed. An independent claim is included for producing the value document, comprising introducing perforations in a foil, assembling the film and introducing a base material of the value document during the manufacturing process.

Abstract (de)
Wertdokument aus einem faserhaltigem Material, insbesondere Papier mit einem eingebetteten Sicherheitselement, dadurch gekennzeichnet, dass das Sicherheitselement aus einer perforierten Folie besteht, die in das Wertdokument zumindest teilweise eingebettet ist.

IPC 8 full level
B42D 15/00 (2006.01); **D21H 21/42** (2006.01)

CPC (source: EP US)
B42D 25/346 (2014.10 - EP US); **B42D 25/355** (2014.10 - EP); **D21H 21/42** (2013.01 - EP); **B42D 2033/22** (2022.01 - EP)

Citation (applicant)

- WO 2006106156 A2 20061012 - MONEDA FABRICA NAC DE MONEDA Y [ES], et al
- EP 0526396 A1 19930203 - FERCHIM ENG SA [CH]
- DE 10247591 A1 20040422 - GIESECKE & DEVRIENT GMBH [DE]
- DE 10232786 A1 20040212 - GIESECKE & DEVRIENT GMBH [DE]

Citation (search report)

- [X] JP 2003286693 A 20031010 - DAINIPPON PRINTING CO LTD
- [X] US 4370057 A 19830125 - LEE PETER D [GB]

Citation (examination)

- GB 1604463 A 19811209 - BANK OF ENGLAND
- EP 1997643 A2 20081203 - OVD KINEGRAM AG [CH]
- GB 2433470 A 20070627 - RUE DE INT LTD [GB]
- WO 2005108109 A1 20051117 - GIESECKE & DEVRIENT GMBH [DE], et al
- WO 2005121450 A1 20051222 - RUE DE INT LTD [GB], et al
- EP 1602782 A2 20051207 - BANQUE DE FRANCE [FR]
- WO 2007071939 A2 20070628 - RUE DE INT LTD [GB], et al

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

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
EP 2119571 A1 20091118

DOCDB simple family (application)
EP 08008961 A 20080515