

Title (en)
SECURITY DOCUMENT

Title (de)
WERTDOKUMENT

Title (fr)
DOCUMENT DE VALEUR

Publication
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Application
EP 03764992 A 20030715

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Abstract (en)
[origin: WO2004009371A1] The invention relates to a security document (1) such as a banknote or the like, consisting of security paper. At least one perceptible marking (2), in the form of a relief structure, is produced in said security paper using a laser.

IPC 8 full level
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B42D 25/435 (2014.10 - US); **B42D 25/47** (2014.10 - US); **B42D 2035/50** (2022.01 - EP)

Citation (examination)
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• EP 0678400 A1 19951025 - GIESECKE & DEVRIENT GMBH [DE]
• EP 0526396 A1 19930203 - FERCHIM ENG SA [CH]
• US 4544181 A 19851001 - MAURER THOMAS [DE], et al
• US 4766026 A 19880823 - LASS JOSEPH [DE], et al

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US7654578B2

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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2004009371 A1 20040129; AU 2003257466 A1 20040209; AU 2003257466 B2 20070802; BR 0312775 A 20050503;
CA 2493388 A1 20040129; CA 2493388 C 20120124; CN 100572089 C 20091223; CN 1668480 A 20050914; EP 1525102 A1 20050427;
EP 1525102 B1 20120926; JP 2005532937 A 20051104; JP 4680594 B2 20110511; MX PA05000756 A 20050428; PL 215626 B1 20140131;
PL 372927 A1 20050808; RU 2005104553 A 20060820; RU 2321498 C2 20080410; US 2006145468 A1 20060706; US 8827314 B2 20140909

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EP 03764992 A 20030715; JP 2004522460 A 20030715; MX PA05000756 A 20030715; PL 37292703 A 20030715; RU 2005104553 A 20030715;
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