

Title (en)  
SECURITY DOCUMENT PROVIDED WITH DIFFERENT MARKING CHARACTERISTICS

Title (de)  
WERTDOKUMENT MIT VERSCHIEDENEN MERKMALSTOFFEN

Title (fr)  
DOCUMENT DE VALEUR COMPRENANT DIFFERENTES SUBSTANCES CARACTERISTIQUES

Publication  
**EP 1673231 B2 20200115 (DE)**

Application  
**EP 04765834 A 20041005**

Priority  
• EP 2004011129 W 20041005  
• DE 10346632 A 20031008

Abstract (en)  
[origin: WO2005035261A1] The invention relates to a security document, especially a bank note (10), comprising a security document substrate (12) and at least one marking characteristic for recognising authenticity and at least two different marking characteristics which are used to examine the security document. According to the invention, a first (16) and a second marking characteristic (14) are provided on and/or in the security document substrate (12) in the form of codes which are independent from each other, said substrate at least partially reproducing the contents, e.g. declaration of value, currency etc.

IPC 8 full level  
**B42D 15/00** (2006.01)

CPC (source: EP US)  
**B42D 25/29** (2014.10 - EP US); **B42D 25/387** (2014.10 - EP US); **Y10S 283/901** (2013.01 - EP US); **Y10S 283/904** (2013.01 - EP US)

Citation (opposition)  
Opponent :  
• DE 19804012 A1 19990805 - GIESECKE & DEVRIENT GMBH [DE]  
• DE 19804021 A1 19990805 - GIESECKE & DEVRIENT GMBH [DE]  
• DE 19803997 A1 19990805 - GIESECKE & DEVRIENT GMBH [DE]  
• US 6155605 A 20001205 - BRATCHLEY ROBIN [GB], et al  
• DE 3048734 A1 19820715 - GAO GES AUTOMATION ORG [DE]  
• CH 516196 A 19711130 - AMERICAN CYANAMID CO [US]  
• EP 0628927 A2 19941214 - TETRA LAVAL HOLDINGS & FINANCE [CH]  
• DE 3446861 A1 19860710 - GAO GES AUTOMATION ORG [DE]  
• DE 1774290 A1 19720105 - SODECO COMPTUEURS DE GENEVE

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WO2013034603A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2005035261 A1 20050421**; AT E394242 T1 20080515; BR PI0415244 A 20061212; BR PI0415244 B1 20160809; CN 1867460 A 20061122; CN 1867460 B 20100505; DE 10346632 A1 20050519; DE 502004007081 D1 20080619; EP 1673231 A1 20060628; EP 1673231 B1 20080507; EP 1673231 B2 20200115; ES 2302024 T3 20080701; ES 2302024 T5 20200625; PL 1673231 T3 20081031; PL 1673231 T5 20201005; US 2007210574 A1 20070913; US 7819434 B2 20101026

DOCDB simple family (application)  
**EP 2004011129 W 20041005**; AT 04765834 T 20041005; BR PI0415244 A 20041005; CN 200480029781 A 20041005; DE 10346632 A 20031008; DE 502004007081 T 20041005; EP 04765834 A 20041005; ES 04765834 T 20041005; PL 04765834 T 20041005; US 57507804 A 20041005