

Title (en)

VALUE DOCUMENT COMPRISING A SECURITY ELEMENT

Title (de)

WERTDOKUMENT MIT SICHERHEITSELEMENT

Title (fr)

DOCUMENT DE VALEUR COMPRENANT UN ÉLÉMENT DE SÉCURITÉ

Publication

**EP 2001689 B1 20100929 (DE)**

Application

**EP 07723890 A 20070402**

Priority

- EP 2007002949 W 20070402
- DE 102006015818 A 20060403

Abstract (en)

[origin: US2009308932A1] The invention relates to a document of value, in particular a credit card, identity card or ticket, and to a transfer film for the production of a document of value. The latter has on one of its surfaces a security element (2), which has a magnetic layer (25) for storing machine-readable information and a reflective, non-magnetizable metal layer (23). The metal layer is arranged above the magnetic layer (25) in relation to the surface of the document of value. The metal layer and the magnetic layer overlap, at least in some regions. The region of the metal layer (23) that overlaps the magnetic layer (25) is subdivided into at least two regions (231) isolated electrically from one another.

IPC 8 full level

**B42D 15/10** (2006.01)

CPC (source: EP US)

**B42D 25/328** (2014.10 - EP US); **B42D 25/373** (2014.10 - US); **B42D 25/369** (2014.10 - US); **B42D 2033/16** (2022.01 - EP)

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**US 2009308932 A1 20091217; US 8132736 B2 20120313;** AT E482830 T1 20101015; AU 2007236281 A1 20071018;  
AU 2007236281 B2 20120816; CA 2646695 A1 20071018; CA 2646695 C 20140204; CN 101437694 A 20090520; CN 101437694 B 20100714;  
DE 102006015818 A1 20071004; DE 502007005200 D1 20101111; EP 2001689 A2 20081217; EP 2001689 B1 20100929;  
WO 2007115725 A2 20071018; WO 2007115725 A3 20071129

DOCDB simple family (application)

**US 22593907 A 20070402;** AT 07723890 T 20070402; AU 2007236281 A 20070402; CA 2646695 A 20070402; CN 200780011220 A 20070402;  
DE 102006015818 A 20060403; DE 502007005200 T 20070402; EP 07723890 A 20070402; EP 2007002949 W 20070402