

Title (en)
Printed security element as control element

Title (de)
Sicherheitsdruck als Steuerelement

Title (fr)
Élément de sécurité imprimé comme élément de contrôle

Publication
EP 1839899 B1 20140702 (DE)

Application
EP 06006491 A 20060329

Priority
EP 06006491 A 20060329

Abstract (en)
[origin: EP1839899A1] The method involves applying diffractive control marks on the carrier substrate. A printing cylinder applies the control marks for another printing and at the same time has a corresponding security motive. The security motive is available as printing with electrically conductive, magnetic and/or optical characteristics. Independent claims are included for the following: (1) a foil material produced by the register printing method (2) a security element produced by the register printing method (3) an application of security element.

IPC 8 full level
B42D 15/00 (2006.01); **B42D 25/00** (2014.01)

CPC (source: EP)
B42D 25/328 (2014.10); **B41P 2233/52** (2013.01)

Cited by
US11254481B2; US11866242B2; US10934069B2; US10196174B2; US10954032B2; US8308003B2; US10604315B2; US10005598B2; US10259626B2; US8852725B2; US9624008B2; US10000310B2; US11708198B2; US11724863B2; US9676513B2; US9994357B2; US10150589B2; US10150590B2; US9815589B2; US9834339B2; US10556732B2; US10899506B2; US11059644B2; US11401080B2

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 NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1839899 A1 20071003; EP 1839899 B1 20140702

DOCDB simple family (application)
EP 06006491 A 20060329