

Title (en)
METHOD FOR PRINTING ON A PORTABLE DATA MEDIUM, PARTICULARLY A SMART CARD, AND RESULTING PRINTED DATA MEDIUM

Title (de)
DRUCKVERFAHREN FÜR EINE SCHICHT EINES TRAGBAREN TRÄGERKÖRPERS INSBESONDERE SPEICHERKARTE, UND NACH DIESEM VERFAHREN DEDRUKTER TRÄGERKÖRPER

Title (fr)
PROCEDE D'IMPRESSION D'UNE COUCHE D'UN CORPS DE SUPPORT PORTABLE, NOTAMMENT CARTE A MEMOIRE, ET CORPS DE SUPPORT IMPRIME SELON UN TEL PROCEDE

Publication
EP 0912916 A1 19990506 (FR)

Application
EP 97928333 A 19970611

Priority
• FR 9701044 W 19970611
• FR 9607240 A 19960611

Abstract (en)
[origin: WO9748016A1] A method for printing on an exposed polymerised thermoplastic or curable layer of the body of a portable data medium, and a portable data medium, particularly a chip card, comprising a polymerised layer, are disclosed. The method comprises the steps of mixing a polymerisable thermoplastic or curable binder and at least one light-sensitive compound responsive to laser radiation having a predetermined wavelength in such a way that it changes from a first state to a second coloured state, in order to form a mixture; exposing the mixture to the laser radiation having a predetermined wavelength; and polymerising the mixture to form the polymerised layer of the body of the data medium. The method is particularly suitable for printing on smart cards.

IPC 1-7
G03C 5/56; **B41M 3/14**; **B41M 5/28**

IPC 8 full level
G06K 19/077 (2006.01); **B41M 3/14** (2006.01); **B41M 5/28** (2006.01); **B42D 25/23** (2014.01); **B42D 25/41** (2014.01); **G03C 1/00** (2006.01); **G03C 5/56** (2006.01)

CPC (source: EP KR US)
B41M 3/14 (2013.01 - KR); **B41M 3/142** (2013.01 - EP US); **B41M 5/28** (2013.01 - KR); **B41M 5/284** (2013.01 - EP US); **G03C 5/56** (2013.01 - EP KR US); **Y10S 430/146** (2013.01 - EP US); **Y10S 430/163** (2013.01 - EP US)

Cited by
FR2891765A1

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB IT LI NL PT

DOCDB simple family (publication)
WO 9748016 A1 19971218; AT E190735 T1 20000415; BR 9709705 A 19990810; CA 2268786 A1 19971218; CN 1179242 C 20041208; CN 1227636 A 19990901; DE 69701468 D1 20000420; DE 69701468 T2 20000810; EP 0912916 A1 19990506; EP 0912916 B1 20000315; ES 2147003 T3 20000816; FR 2749673 A1 19971212; FR 2749673 B1 19980731; HU P0002137 A2 20001028; HU P0002137 A3 20030328; JP 2000512033 A 20000912; JP 3416148 B2 20030616; KR 20000016583 A 20000325; US 6107010 A 20000822

DOCDB simple family (application)
FR 9701044 W 19970611; AT 97928333 T 19970611; BR 9709705 A 19970611; CA 2268786 A 19970611; CN 97197227 A 19970611; DE 69701468 T 19970611; EP 97928333 A 19970611; ES 97928333 T 19970611; FR 9607240 A 19960611; HU P0002137 A 19970611; JP 50130398 A 19970611; KR 19980710178 A 19981211; US 20242599 A 19990225