

Title (en)
IDENTIFICATION CARD COMPRISING AN IMAGE AND PRODUCTION METHOD THEREFOR

Title (de)
IDENTIFIKATIONSKARTE MIT BILD UND HERSTELLUNGSVERFAHREN HIERFÜR

Title (fr)
CARTE D'IDENTITE POURVUE D'UNE IMAGE, ET SON PROCEDE DE PRODUCTION

Publication
EP 1940632 A1 20080709 (DE)

Application
EP 06807498 A 20061024

Priority
• EP 2006067702 W 20061024
• DE 102005051416 A 20051027

Abstract (en)
[origin: WO2007048783A1] The invention relates to a method for producing and processing an image on a card substrate of an identification card, said method comprising the following steps: a colour image is printed on a surface of the card substrate by means of a printer; the surface of the printed image is optically scanned, and individual image components of the printed image, which differ from each other in the colour characteristics thereof, are identified by means of an optical identification and evaluation unit; co-ordinates of boundary lines, arranged between the identified image components and representing the contours of the image components, are calculated by means of a calculation unit; and the card substrate material beneath the surface of a surface layer of the card substrate is heated in a linear manner along the boundary line by displacing a laser along the surface plane of the card substrate using the calculated co-ordinates. An identification card comprising a colour image is displayed.

IPC 8 full level
B42D 15/10 (2006.01)

CPC (source: EP US)
B42D 25/00 (2014.10 - EP US); **B42D 25/23** (2014.10 - US); **B42D 25/41** (2014.10 - EP US); **B42D 25/435** (2014.10 - US);
B42D 2035/06 (2022.01 - EP)

Citation (search report)
See references of WO 2007048783A1

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)
DE 102005051416 A1 20070503; CA 2627474 A1 20070503; EP 1940632 A1 20080709; NO 20082370 L 20080526;
US 2009294525 A1 20091203; WO 2007048783 A1 20070503; WO 2007048783 A8 20080710; WO 2007048783 B1 20070802

DOCDB simple family (application)
DE 102005051416 A 20051027; CA 2627474 A 20061024; EP 06807498 A 20061024; EP 2006067702 W 20061024; NO 20082370 A 20080526;
US 9173106 A 20061024