

Title (en)
CARD-SHAPED DATA CARRIER

Title (de)
KARTENFÖRMIGER DATENTRÄGER

Title (fr)
SUPPORT DE DONNEES EN FORME DE CARTE

Publication
EP 1919669 B1 20121010 (DE)

Application
EP 06776850 A 20060814

Priority
• EP 2006008041 W 20060814
• DE 102005039320 A 20050819

Abstract (en)
[origin: WO2007020051A1] The invention relates to a card-shaped data carrier (1) comprising a card body (2) provided with graphical elements (6) displayed thereon. The card body (2) is provided with a plastic material for converting an injected light into a secondary light and for retransmitting said secondary light to the graphical element (6) or to the partial area thereof. The inventive card-shaped data carrier (1) is characterised in that the shaped body (12) which is made of a plastic material for displaying the graphical element (6) is at least partially arranged in at least one cavity (11) of the card body (2) and/or comprises an laterally extended area inside which the shaped body (12) exhibits optical properties different from the properties outside said area.

IPC 8 full level
B24D 15/10 (2006.01)

CPC (source: EP US)
B42D 25/00 (2014.10 - EP US); **B42D 25/21** (2014.10 - US); **B42D 25/23** (2014.10 - US); **B42D 25/305** (2014.10 - US);
B42D 2033/04 (2022.01 - EP); **B42D 2033/06** (2022.01 - EP); **B42D 2033/30** (2022.01 - EP); **B42D 2035/20** (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 NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
DE 102005039320 A1 20070222; CN 101291781 A 20081022; CN 101291781 B 20110406; EP 1919669 A1 20080514;
EP 1919669 B1 20121010; ES 2397222 T3 20130305; JP 2009505252 A 20090205; JP 5081154 B2 20121121; US 2010001077 A1 20100107;
US 8226014 B2 20120724; WO 2007020051 A1 20070222

DOCDB simple family (application)
DE 102005039320 A 20050819; CN 200680039185 A 20060814; EP 06776850 A 20060814; EP 2006008041 W 20060814;
ES 06776850 T 20060814; JP 2008526429 A 20060814; US 99071706 A 20060814