

Title (en)
METHOD FOR LABELLING A SUBSTRATE

Title (de)
VERFAHREN ZUR KENNZEICHNUNG EINES SUBSTRATES

Title (fr)
PROCÉDÉ D'IDENTIFICATION D'UN SUBSTRAT

Publication
EP 2576230 A1 20130410 (DE)

Application
EP 11718028 A 20110502

Priority
• DE 102010022701 A 20100604
• EP 2011056897 W 20110502

Abstract (en)
[origin: WO2011151117A1] The invention relates to a method for labelling a substrate, in which method at least one luminescent dye is deposited as a first identification feature in at least one transparent marker layer or in at least one functional layer on a surface of the substrate or on a layer which is situated on the surface, wherein the transparent marker layer or the functional layer is provided with a structure in a further step for producing a second identification feature by local destruction, in particular thermally. According to the invention, the deposition of the at least one marker layer or functional layer takes place by means of chemical gas-phase deposition using a flame or a plasma, by means of a sol-gel method or electrochemically.

IPC 8 full level
B41M 3/14 (2006.01); **B41M 5/24** (2006.01); **B41M 5/26** (2006.01); **B41M 5/28** (2006.01)

CPC (source: EP US)
B41M 3/144 (2013.01 - EP US); **B41M 5/24** (2013.01 - EP US); **B41M 5/26** (2013.01 - EP US); **B41M 5/286** (2013.01 - EP US); **B42D 25/378** (2014.10 - US); **B42D 25/415** (2014.10 - US); **B42D 25/435** (2014.10 - EP US); **B42D 25/445** (2014.10 - EP US); **B65B 11/00** (2013.01 - US); **G09F 3/0291** (2013.01 - EP US); **B42D 25/387** (2014.10 - EP US)

Citation (search report)
See references of WO 2011151117A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
DE 102010022701 A1 20111208; **DE 102010022701 B4 20120202**; EP 2576230 A1 20130410; US 2013074449 A1 20130328; WO 2011151117 A1 20111208

DOCDB simple family (application)
DE 102010022701 A 20100604; EP 11718028 A 20110502; EP 2011056897 W 20110502; US 201113701825 A 20110502