

Title (en)

COMPOSITION FOR FORMING A LASER-MARKABLE COATING AND PROCESS FOR FORMING A MARKING BY LASER EXPOSURE

Title (de)

ZUSAMMENSETZUNG ZUR HERSTELLUNG EINER LASERMARKIERBAREN SCHICHT UND VERFAHREN ZUR HERSTELLUNG EINER MARKIERUNG DURCH LASERBELICHTUNG

Title (fr)

COMPOSITION SERVANT A FORMER UN REVETEMENT POUVANT ETRE MARQUE AU LASER, ET PROCEDE DE FORMATION D'UN MARQUAGE PAR EXPOSITION A UN LASER

Publication

EP 1827859 B1 20110907 (EN)

Application

EP 05853411 A 20051208

Priority

- US 2005044483 W 20051208
- US 63409904 P 20041208

Abstract (en)

[origin: WO2006063165A2] A composition for forming a laser-markable coating, comprising: (a) a first component of a color-forming agent, wherein upon exposure to a laser the first component is capable of reacting with a second component of the color-forming agent to generate a color; and (b) a binder comprising a substituted or unsubstituted polyurethane compound.

IPC 8 full level

B41M 5/337 (2006.01)

CPC (source: EP)

B41M 5/3372 (2013.01); **B41M 5/327** (2013.01); **B41M 5/3335** (2013.01)

Designated contracting state (EPC)

BE DE FR GB NL

DOCDB simple family (publication)

WO 2006063165 A2 20060615; **WO 2006063165 A3 20061207**; **WO 2006063165 A9 20060713**; EP 1827859 A2 20070905; EP 1827859 A4 20100707; EP 1827859 B1 20110907

DOCDB simple family (application)

US 2005044483 W 20051208; EP 05853411 A 20051208