

Title (en)

Element contacting the matter to be printed and having a colour repulsive coating, coating process thereof

Title (de)

Bedruckstoffkontaktierendes Element mit farbabweisender Beschichtung , Verfahren zu dessen Beschichtung

Title (fr)

Élément en contact avec le matériau à imprimer et ayant un revêtement répulsif à la couleur, procédé de revêtement de celui-ci

Publication

**EP 1396350 B1 20070926 (DE)**

Application

**EP 03018633 A 20030820**

Priority

DE 10241671 A 20020909

Abstract (en)

[origin: EP1396350A2] The print material contacting element has an ink-repellent coating on a surface of a micro-structured carrier in the form of at least one derivative of an amphiphile organic compound whose polar region has an acidic character. The carrier is metallic with a native oxidized surface. The carrier has at least one material from the group including titanium, zirconium, molybdenum, nickel, copper, aluminum, chromium, iron, silver and gold. AN Independent claim is also included for the following: (a) a method of coating a surface of a micro-structured carrier of a print material contacting element.

IPC 8 full level

**B41F 30/00** (2006.01); **B41N 7/00** (2006.01); **B41F 22/00** (2006.01)

CPC (source: EP)

**B41F 22/00** (2013.01); **B41N 7/00** (2013.01); **B41N 7/005** (2013.01); **B41N 2207/02** (2013.01); **B41N 2207/14** (2013.01)

Cited by

EP3028857A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 1396350 A2 20040310**; **EP 1396350 A3 20060315**; **EP 1396350 B1 20070926**; AT E374115 T1 20071015; CN 100335271 C 20070905; CN 1491795 A 20040428; DE 10241671 A1 20040318; DE 50308270 D1 20071108; HK 1065514 A1 20050225; JP 2004098682 A 20040402; JP 4768219 B2 20110907

DOCDB simple family (application)

**EP 03018633 A 20030820**; AT 03018633 T 20030820; CN 03158407 A 20030909; DE 10241671 A 20020909; DE 50308270 T 20030820; HK 04108374 A 20041026; JP 2003308486 A 20030901