

Title (en)  
Ink-jet recording medium

Title (de)  
Tintenstrahlaufzeichnungsmaterial

Title (fr)  
Matériau pour l'enregistrement par jet d'encre

Publication  
**EP 1738918 B1 20080423 (DE)**

Application  
**EP 05014012 A 20050629**

Priority  
EP 05014012 A 20050629

Abstract (en)  
[origin: EP1738918A1] The material has a substrate made of paper and covered with coating material containing binders and inorganic pigment. The substrate has a density of 0.6 to 1.0 gram per cubic centimeter, and CObb 60 value of 19 to 25 grams per square meter. The coating covers the recording layer laid directly on the substrate. The recording layer contains pigment made of colloidal synthetic boehmite with middle crystal size of 10 to 50 nanometers. The recording layer also contains binders which has 80 to 100 Gew-% silanated polyvinyl alcohol. The recording layer contains eucalyptus paper fiber.

IPC 8 full level  
**B41M 5/00** (2006.01)

CPC (source: EP US)  
**B41M 5/508** (2013.01 - EP US); **B41M 5/52** (2013.01 - EP US); **B41M 5/5218** (2013.01 - EP US); **B41M 5/5254** (2013.01 - EP US);  
**B41M 5/529** (2013.01 - EP US)

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 MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1738918 A1 20070103; EP 1738918 B1 20080423**; AT E393030 T1 20080515; DE 502005003846 D1 20080605;  
US 2007002120 A1 20070104; US 8377521 B2 20130219

DOCDB simple family (application)  
**EP 05014012 A 20050629**; AT 05014012 T 20050629; DE 502005003846 T 20050629; US 47816706 A 20060629