

Title (en)

Multilayer ink-jet recording material and its use

Title (de)

Mehrschichtiges Tintenstrahlaufzeichnungsmaterial und seine Verwendung

Title (fr)

Matériau multicouche pour l'enregistrement par jet d'encre et son utilisation

Publication

**EP 1245400 A1 20021002 (EN)**

Application

**EP 01000070 A 20010326**

Priority

EP 01000070 A 20010326

Abstract (en)

An improved ink jet recording material is disclosed. It comprises on the front side of a subbed polyester at least two inkreceiving layers based on polyvinyl alcohol with a top layer containing a cationic mordant, and on the back side a double layer one of which contains an electronically conductive polymer.

IPC 1-7

**B41M 5/00**; **B41C 1/10**; **B41C 1/00**; **G03F 1/00**

IPC 8 full level

**B41J 2/01** (2006.01); **B41C 1/00** (2006.01); **B41C 1/10** (2006.01); **B41C 1/14** (2006.01); **B41M 5/00** (2006.01); **B41M 5/50** (2006.01); **B41M 5/52** (2006.01)

CPC (source: EP)

**B41C 1/003** (2013.01); **B41C 1/1066** (2013.01); **B41M 5/504** (2013.01); **B41M 5/52** (2013.01); **B41C 1/14** (2013.01); **B41C 1/147** (2013.01); **B41C 1/148** (2013.01); **B41M 5/506** (2013.01); **B41M 5/508** (2013.01); **B41M 5/5245** (2013.01); **B41M 5/5254** (2013.01); **B41M 5/5281** (2013.01)

Citation (search report)

- [A] US 5888629 A 19990330 - LUBAR MICHAEL J [US]
- [A] EP 0469595 A2 19920205 - XEROX CORP [US]
- [A] EP 0407881 A1 19910116 - DU PONT [US]

Cited by

CN103189212A; US8354149B2; EP3130466A3; WO2012058347A1; WO2006118951A1; WO2012061181A1; WO2011100188A1; WO2012078483A1; WO2024083485A1; WO2012065011A1; WO2014143928A1; US9527274B2; US9649837B2; US10245823B2; US11214051B2

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

**EP 1245400 A1 20021002**; **EP 1245400 B1 20040324**; DE 60102443 D1 20040429; DE 60102443 T2 20050120; JP 2003001932 A 20030108

DOCDB simple family (application)

**EP 01000070 A 20010326**; DE 60102443 T 20010326; JP 2002080374 A 20020322