

Title (en)

INK-JET RECORDING MATERIAL FOR NONAQUEOUS INK

Title (de)

TINTENSTRAHLAUFEICHNUNGSMATERIAL FÜR NICHTWÄSSIGE TINTE

Title (fr)

MATERIAU D'IMPRESSION A JET D'ENCRE POUR ENCRE NON AQUEUSE

Publication

EP 1270247 A1 20030102 (EN)

Application

EP 01912350 A 20010314

Priority

- JP 0102009 W 20010314
- JP 2000092327 A 20000329
- JP 2000198597 A 20000630

Abstract (en)

The present invention provides an ink jet recording material for use with non-aqueous ink having no pigment-containing coating layer on its recording surface, or so-called plain paper type ink jet recording material for use with non-aqueous ink, which is highly resistant to bleeding of non-aqueous ink containing a high-boiling point petroleum solvent. The ink jet recording material according to the present invention comprises wood pulp and a filler which is at least one substance selected from the group consisting of calcined kaolin, precipitated calcium carbonate, aluminum hydroxide and magnesium hydroxide, the ash content thereof being not less than 5% by weight and not more than 35% by weight. Preferably, the boiling point of the non-aqueous ink solvent is 100 DEG C or higher, the Bristow absorption coefficient of the recording material is 50 ml/m<2>•sec<1/2>, and its density is not less than 0.60 g/cm<3> and not higher than 1.05 g/cm<3>.

IPC 1-7

B41M 5/00

IPC 8 full level

B41M 5/00 (2006.01)

CPC (source: EP)

B41M 5/0035 (2013.01)

Cited by

US7758690B2

Designated contracting state (EPC)

DE GB

DOCDB simple family (publication)

EP 1270247 A1 20030102; EP 1270247 A4 20030611; EP 1270247 B1 20040211; CN 1419499 A 20030521; DE 60102004 D1 20040318; DE 60102004 T2 20041209; WO 0172526 A1 20011004

DOCDB simple family (application)

EP 01912350 A 20010314; CN 01807346 A 20010314; DE 60102004 T 20010314; JP 0102009 W 20010314