

Title (en)
Ink jet recording medium

Title (de)
Tintenstrahlaufzeichnungsmaterial

Title (fr)
Matériau d'enregistrement à jet d'encre

Publication
EP 1106379 B1 20050202 (EN)

Application
EP 00403359 A 20001130

Priority
• JP 33897199 A 19991130
• JP 2000364145 A 20001130

Abstract (en)
[origin: EP1106379A2] An ink jet recording medium is provided which can be excellent in the ink-absorbing property, showing a high coloring property of images, and capable of printing images of a high image quality without causing color unevenness even by bidirectional printing using a high-resolution printer. An ink jet recording medium in the case of carrying out bidirectional printing using a printer of a serial system wherein inks of at least two colors are mounted in carriages and the nozzle row is disposed in parallel with the main scanning direction of a head, wherein the recording medium comprises a base material and an ink-receiving layer, the ink-receiving layer has an average ink-absorbing capacity of from 10 to 30 cc/cm², and the contact angle of the uppermost surface layer of the ink-receiving layer is from 20 to 60 degree to an ink having a surface tension of from 25 to 72 dyn/cm, is also provided.

IPC 1-7
B41M 5/00

IPC 8 full level
B41J 2/01 (2006.01); **B41J 2/205** (2006.01); **B41M 5/00** (2006.01); **B41M 5/50** (2006.01); **B41M 5/52** (2006.01)

CPC (source: EP)
B41J 2/2056 (2013.01); **B41M 5/506** (2013.01); **B41M 5/52** (2013.01); **B41M 5/5218** (2013.01); **B41M 5/5245** (2013.01); **B41M 5/5254** (2013.01)

Cited by
CN102837521A; EP1561593A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
EP 1106379 A2 20010613; **EP 1106379 A3 20010905**; **EP 1106379 B1 20050202**; AT E288363 T1 20050215; DE 60017860 D1 20050310; DE 60017860 T2 20060511; JP 2001219646 A 20010814; JP 3677206 B2 20050727

DOCDB simple family (application)
EP 00403359 A 20001130; AT 00403359 T 20001130; DE 60017860 T 20001130; JP 2000364145 A 20001130