

Title (en)

Ink jet recording element and printing method

Title (de)

Tintenstrahlaufzeichnungselement und Druckverfahren

Title (fr)

Élément d'enregistrement par jet d'encre et méthode d'impression

Publication

EP 1319516 A3 20060118 (EN)

Application

EP 02079873 A 20021122

Priority

- US 2122701 A 20011212
- US 2076201 A 20011212

Abstract (en)

[origin: EP1319516A2] An ink jet recording element comprising a support having thereon an image-receiving layer comprising non-silicon-containing inorganic oxide particles, the particles having their surfaces treated with a silane coupling agent having a hydrophilic, organic moiety.

IPC 8 full level

B41J 2/01 (2006.01); **B41M 5/00** (2006.01); **B41M 5/50** (2006.01); **B41M 5/52** (2006.01)

CPC (source: EP)

B41M 5/52 (2013.01); **B41M 5/5218** (2013.01); **B41M 5/5254** (2013.01); **B41M 5/529** (2013.01)

Citation (search report)

- [X] EP 0741045 A1 19961106 - CANON KK [JP]
- [A] EP 1040012 A1 20001004 - PPG IND OHIO INC [US]
- [A] EP 1034940 A1 20000913 - KONISHIROKU PHOTO IND [JP]
- [A] DATABASE WPI Derwent World Patents Index; AN 1996-146479, XP002354071

Cited by

WO2007019033A1; WO2011049583A1

Designated contracting state (EPC)

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EP 1319516 A2 20030618; **EP 1319516 A3 20060118**; **EP 1319516 B1 20070822**; CN 1424203 A 20030618; DE 60221953 D1 20071004; DE 60221953 T2 20080521; JP 2003191634 A 20030709

DOCDB simple family (application)

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