

Title (en)

Ink jet recording element and printing method

Title (de)

Tintenstrahl-Aufzeichnungselement und Druckverfahren

Title (fr)

Élément pour l'enregistrement au jet d'encre et procédé d'impression

Publication

EP 1318025 A2 20030611 (EN)

Application

EP 02079866 A 20021122

Priority

- US 1142701 A 20011204
- US 1149201 A 20011204

Abstract (en)

An ink jet recording element having a support having thereon a fusible, porous, image-receiving layer having non-porous polymeric particles having a core/shell structure having a polymeric, hydrophobic core covered with a polymeric, hydrophobic shell, the T_g of the polymeric, hydrophobic core being at least 25 DEG C higher than the T_g of the polymeric, hydrophobic shell.

IPC 1-7

B41M 5/00

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 5/506** (2013.01); **B41M 5/508** (2013.01)

Citation (applicant)

- EP 0858905 A1 19980819 - CANON KK [JP]
- US 4381946 A 19830503 - UEHARA MASAFUMI [JP], et al
- US 4239543 A 19801216 - BEASLEY J DONALD [US]
- US 4781758 A 19881101 - GENDLER PAUL L [US], et al

Cited by

EP1435380A1; EP3915790A4; EP2345678A1; EP1321301A3; EP3184562A1; US7335407B2; US7914864B2; US6858301B2; WO2011093896A1; WO2005092633A1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 1318025 A2 20030611; **EP 1318025 A3 20041208**; **EP 1318025 B1 20070523**; DE 60220239 D1 20070705; DE 60220239 T2 20080117; JP 2003205678 A 20030722; JP 2008260300 A 20081030

DOCDB simple family (application)

EP 02079866 A 20021122; DE 60220239 T 20021122; JP 2002350894 A 20021203; JP 2008145603 A 20080603