

Title (en)

Ink jet recording element and printing method

Title (de)

Tintenstrahlaufzeichnungselement und Druckverfahren

Title (fr)

Élément pour impression par jet d'encre et procédé d'impression

Publication

**EP 1288010 A2 20030305 (EN)**

Application

**EP 02078414 A 20020819**

Priority

- US 94454701 A 20010831
- US 94508801 A 20010831

Abstract (en)

A porous inkjet recording element having a support having thereon an image-receiving layer having: (a) inorganic particles having a primary particle size of from 7 to 40 nm in diameter which may be aggregated up to 500 nm; (b) colloidal particles having a mean particle size of from 20 to 500 nm; (c) water-insoluble, cationic, polymeric particles having at least 20 mole percent of a cationic mordant moiety; and (d) inorganic particles encapsulated with an organic polymer having a Tg of less than 100 DEG C.

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 5/5218** (2013.01); **B41M 5/5236** (2013.01); **B41M 5/5245** (2013.01); **B41M 5/5254** (2013.01)

Citation (applicant)

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Designated contracting state (EPC)

DE FR GB

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**EP 1288010 A2 20030305**; **EP 1288010 A3 20031015**; **EP 1288010 B1 20051214**; DE 60207948 D1 20060119; DE 60207948 T2 20060817; JP 2003154750 A 20030527; JP 3990238 B2 20071010

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