

Title (en)

Ink jet recording element and printing method

Title (de)

Tintenstrahl-Aufzeichnungselement und Druckverfahren

Title (fr)

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

Publication

**EP 1319518 B1 20070117 (EN)**

Application

**EP 02079971 A 20021128**

Priority

- US 2074801 A 20011212
- US 2175701 A 20011212

Abstract (en)

[origin: EP1319518A2] An ink jet recording element and printing method having a support having thereon in order: (I) a base layer of at least 50% by weight of inorganic particles; and (II) an image-receiving layer of: (a) colloidal, inorganic oxide particles having a mean particle size of from 10 to 500 nm; and (b) water-insoluble, cationic, polymeric particles having a benzyldimethyl benzylammonium 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 5/506** (2013.01); **B41M 5/502** (2013.01); **B41M 5/5218** (2013.01); **B41M 5/5245** (2013.01); **B41M 2205/38** (2013.01)

Cited by

US7553526B2; US7906185B2; WO2007070259A1

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**EP 1319518 A2 20030618**; **EP 1319518 A3 20041215**; **EP 1319518 B1 20070117**; DE 60217630 D1 20070308; DE 60217630 T2 20071025; JP 2003211837 A 20030730

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