

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 1386751 B1 20110302 (EN)**

Application

**EP 03077289 A 20030721**

Priority

- US 20924602 A 20020731
- US 20924802 A 20020731

Abstract (en)

[origin: EP1386751A2] An ink jet recording element including a substrate having thereon: a) a subbing layer of a polymeric binder and a borate or a borate derivative, the borate or borate derivative being present in an amount of from up to 3 g/m<2>, and the weight ratio of the polymeric binder to the borate or borate derivative is from 0.2:1 to 3:1; and b) an image-receiving layer including inorganic particles and a cross-linkable polymer containing hydroxyl groups, the cross-linkable polymer being present in an amount of less than 25 g/m<2>, and the weight ratio of the cross-linkable polymer to the inorganic particles is from 5:95 to 30:70.

IPC 8 full level

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CPC (source: EP)

**B41M 5/506** (2013.01); **B41M 5/52** (2013.01); **B41M 5/5218** (2013.01)

Cited by

CN102985264A; JP2013542093A; CN103189212A; US8470415B2; US8354149B2; WO2006003391A1; WO2012061181A1; WO2012009196A1

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**EP 1386751 A2 20040204**; **EP 1386751 A3 20041020**; **EP 1386751 B1 20110302**; DE 60336194 D1 20110414; JP 2004066815 A 20040304; JP 2009196373 A 20090903; JP 4991793 B2 20120801

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