

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 1318026 A3 20041020 (EN)

Application

EP 02079884 A 20021122

Priority

- US 1165601 A 20011204
- US 1180201 A 20011204

Abstract (en)

[origin: EP1318026A2] An ink jet recording element having 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 3 to 50 g/m<2>, and the weight ratio of the polymeric binder to the borate or borate derivative is from 0.2:1 to 2:1; and b) an image-receiving layer having particles and a cross-linkable polymer containing hydroxyl groups, the cross-linkable polymer being present in an amount of from 20 to 150 g/m<2>, and the weight ratio of the cross-linkable polymer to the particles is from 10:90 to 30:70.

IPC 1-7

B41M 5/00

IPC 8 full level

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CPC (source: EP)

B41M 5/506 (2013.01)

Citation (search report)

- [A] JP H11291621 A 19991026 - TOKUSHU PAPER MFG CO LTD, et al
- [A] EP 1111452 A2 20010627 - EASTMAN KODAK CO [US]
- [A] EP 0493100 A1 19920701 - SANYO KOKUSAKU PULP CO [JP]

Designated contracting state (EPC)

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EP 1318026 A2 20030611; **EP 1318026 A3 20041020**; JP 2003205679 A 20030722

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EP 02079884 A 20021122; JP 2002351027 A 20021203