

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 1375179 A2 20040102 (EN)

Application

EP 03076863 A 20030616

Priority

- US 18018202 A 20020626
- US 18018702 A 20020626

Abstract (en)

An ink jet recording element including a support having thereon an image-receiving layer, the ink jet recording element containing a metal hydroxide salt, $(M^{2+})(OH)_a(A^{p-})_b \cdot xH_2O$; wherein: M^{2+} is at least one metal ion having a 2+ oxidation state; A is an organic or inorganic anion; p is 1 or 2; and x is equal to or greater than 0; and a and b comprise rational numbers as follows: $0 < a < 2$ and $0 < b < 2$ so that the charge of M^{2+} is balanced.

IPC 1-7

B41M 5/00

IPC 8 full level

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CPC (source: EP)

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Citation (applicant)

- EP 1174279 A1 20020123 - JUJO PAPER CO LTD [JP], et al
- EP 0988993 A1 20000329 - CANON KK [JP]
- EP 0893270 A1 19990127 - MITSUBISHI PAPER MILLS LTD [JP]
- US 5244861 A 19930914 - CAMPBELL BRUCE C [US], et al
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- US 5866282 A 19990202 - BOURDELAIS ROBERT P [US], et al
- US 5888643 A 19990330 - AYLWARD PETER T [US], et al
- US 5874205 A 19990223 - BOURDELAIS ROBERT P [US], et al

Designated contracting state (EPC)

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DOCDB simple family (application)

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