

Title (en)

Ink jet recording element and printing method

Title (de)

Tintenstrahlaufzeichnungselement und Druckverfahren

Title (fr)

Élément d'enregistrement par jet d'encre et méthode d'impression

Publication

**EP 1375180 A2 20040102 (EN)**

Application

**EP 03076864 A 20030616**

Priority

- US 18075202 A 20020626
- US 18018402 A 20020626

Abstract (en)

An ink jet recording element comprising a support having thereon an image-receiving layer, the ink jet recording element containing finely divided particulate material and a metal(oxy)hydroxide complex,  $M_{n+}(O)_a(OH)_b(A_{p-})_c \cdot xH_2O$ , wherein M is at least one metal ion; n is 3 or 4; A is an organic or inorganic ion; p is 1, 2 or 3; and x is equal to or greater than 0; with the proviso that when n is 3, then a, b and c each comprise a rational number as follows:  $0 \leq a < 1.5$ ;  $0 < b < 3$ ; and  $0 \leq pc < 3$ , so that the charge of the  $M_{3+}$  metal ion is balanced; and when n is 4, then a, b and c each comprise a rational number as follows:  $0 \leq a < 2$ ;  $0 < b < 4$ ; and  $0 \leq pc < 4$ , so that the charge of the  $M_{4+}$  metal ion 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)

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