

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 B1 20070321 (EN)

Application

EP 03076864 A 20030616

Priority

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Abstract (en)

[origin: EP1375180A2] 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 8 full level

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