

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
B41J 2/01 (2006.01); **B41M 5/00** (2006.01); **B41M 5/50** (2006.01); **B41M 5/52** (2006.01)

CPC (source: EP)
B41M 5/52 (2013.01); **B41M 5/5218** (2013.01)

Citation (applicant)
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Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 1375180 A2 20040102; **EP 1375180 A3 20050720**; **EP 1375180 B1 20070321**; DE 60312601 D1 20070503; DE 60312601 T2 20071206; JP 2004025882 A 20040129

DOCDB simple family (application)
EP 03076864 A 20030616; DE 60312601 T 20030616; JP 2003180897 A 20030625