

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 A3 20050720 (EN)

Application

EP 03076863 A 20030616

Priority

- US 18018202 A 20020626
- US 18018702 A 20020626

Abstract (en)

[origin: EP1375179A2] An ink jet recording element including a support having thereon an image-receiving layer, the ink jet recording element containing a metal hydroxide salt, $(M_{2+})_a(OH)_{(A_{p-})_b} \cdot xH_2O$; 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

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

CPC (source: EP)

B41M 5/5218 (2013.01)

Citation (search report)

- [DA] EP 1174279 A1 20020123 - JUJO PAPER CO LTD [JP], et al
- [A] DATABASE WPI Section Ch Week 199515, Derwent World Patents Index; Class A82, AN 1995-110177, XP002329577
- [A] PATENT ABSTRACTS OF JAPAN vol. 006, no. 153 (M - 149) 13 August 1982 (1982-08-13)

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