

Title (en)

Ink jet recording element and printing method

Title (de)

Tintenstrahlaufzeichnungsmedium und Zeichnungsverfahren

Title (fr)

Matériau pour l'impression a jet d'encre et procédé d'impression

Publication

EP 1238815 A3 20031119 (EN)

Application

EP 02075736 A 20020222

Priority

- US 79993301 A 20010306
- US 79993201 A 20010306

Abstract (en)

[origin: EP1238815A2] An ink jet recording element and printing method using the element, comprising a support having thereon a porous image-receiving layer comprising particles in a binder, the particles having a primary particle size of from 7 to 40 nm in diameter which may be aggregated up to 300 nm, the image-receiving layer being coated from an acidic aqueous dispersion, and the recording element containing a subbing layer between the support and the porous image-receiving layer, the subbing layer comprising a basic material which is capable of raising the surface pH of the image-receiving layer at least 2 pH units.

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 5/506 (2013.01); **B41M 5/52** (2013.01); **B41M 2205/12** (2013.01)

Citation (search report)

- [A] EP 0609930 A1 19940810 - AGFA GEVAERT NV [BE]
- [A] EP 0627324 A1 19941207 - MITSUBISHI PAPER MILLS LTD [JP]
- [A] US 6190781 B1 20010220 - TSUBAKI MASAYUKI [JP], et al
- [A] EP 1002660 A1 20000524 - KONISHIROKU PHOTO IND [JP]
- [A] US 5418078 A 19950523 - DESIE GUIDO [BE], et al

Designated contracting state (EPC)

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