

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 A2 20020911 (EN)**

Application

**EP 02075736 A 20020222**

Priority

- US 79993301 A 20010306
- US 79993201 A 20010306

Abstract (en)

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 (applicant)

- EP 1029702 A2 20000823 - KONISHIROKU PHOTO IND [JP]
- US 5853965 A 19981229 - HAYDOCK DOUGLAS N [US], et al
- US 5866282 A 19990202 - BOURDELAIS ROBERT P [US], et al
- US 5874205 A 19990223 - BOURDELAIS ROBERT P [US], et al
- US 5888643 A 19990330 - AYLWARD PETER T [US], et al
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