

Title (en)

Ink-jet recording sheet with image-protecting layer

Title (de)

Tintenstrahlaufzeichnungsblatt mit einer Bildschuttschicht

Title (fr)

Feuille pour l'enregistrement par jet d'encre avec une couche protectrice d'images

Publication

**EP 1008457 B1 20030730 (EN)**

Application

**EP 99309809 A 19991207**

Priority

- JP 34303798 A 19981202
- JP 5060899 A 19990226
- JP 6855399 A 19990315

Abstract (en)

[origin: EP1008457A1] A recording material that can be recorded by ink with water-soluble dye, particularly to provide an ink jet recording sheet provides an excellent combination of in ink absorbency, ink coloration, light resistance, water resistance and surface gloss. One such ink jet recording sheet has on an ink-receiving support an image preserving layer comprising anionic colloidal silica and zinc oxide particulates with an average particle size of about 15 to 380 nm and having a 75 degree specular glossiness of at least about 25 % at the surface. Another ink jet recording sheet has on an ink-receiving support, in succession, an image preserving layer comprising anionic colloidal silica and zinc oxide particulates with an average particle size of about 15 to 380 nm and a fixing layer comprising cationic colloidal silica and cationic polymer electrolyte.

IPC 1-7

**B41M 5/00**; **B41M 7/00**

IPC 8 full level

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CPC (source: EP)

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Cited by

CN100408345C; GB2371769A; CN100343074C; EP1407891A1; EP1580017A4; CN100351100C; EP1174279A1; KR20030029462A; SG108875A1; US6951027B2; EP1304691A3; US6833169B2; US7622170B2; US7255909B2; US6893691B2; US7658980B2; US7080391B2; WO03080357A1; WO03070477A1; WO03080733A3; WO03089248A1; US6896942B2; US6677006B2; US7648744B2; US7862868B2; WO2006002780A2; US6902780B2

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