

Title (en)  
RECORDING MEDIUM AND INK JET RECORDING METHOD BY USE THEREOF

Publication  
**EP 0331125 A3 19900905 (EN)**

Application  
**EP 89103526 A 19890228**

Priority  
• JP 1404289 A 19890125  
• JP 1800489 A 19890127  
• JP 4967688 A 19880304  
• JP 11060588 A 19880509

Abstract (en)  
[origin: EP0331125A2] A recording medium comprises a surface layer composed mainly of aluminum oxide particles and a lower layer having ink absorptivity. A recording medium comprises a surface layer composed mainly of aluminum oxide particles and a lower layer having ink absorptivity, and having a Stöckigt sizing degree according to JIS-P-8122 of 0 to 15 sec. An ink jet recording method performs recording by imparting small droplets of an aqueous ink to a recording medium, wherein said aqueous ink contains an acidic dye and/or a direct dye, and said recording medium comprises a surface layer composed mainly of aluminum oxide particles and a lower layer having ink absorptivity. A recording medium comprising a surface layer composed mainly of aluminum oxide particles containing polyaluminum hydroxide and/or polyaluminum chloride and a lower layer having ink absorptivity. A recording medium comprises a surface layer composed mainly of aluminum oxide particles having particle sizes of 5  $\mu$ m or less provided on a liquid absorptive base paper.

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IPC 8 full level  
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CPC (source: EP)  
**B41M 5/502** (2013.01); **B41M 5/5218** (2013.01)

Citation (search report)  
• [XP] EP 0275711 A1 19880727 - CANON KK [JP]  
• [X] ABSTRACT BULLETIN OF THE INSTITUTE OF PAPER CHEMISTRY, vol. 57, no. 4, October 1986, page 600, abstract 5349, Appleton, Wisconsin, US; & JP-A-60 232 990 (MITSUBISHI PAPER MILLS LTD) 19-11-1985  
• [X] PATENT ABSTRACTS OF JAPAN, vol. 11, no. 146 (M-587)[2593], 13th May 1987; & JP-A-61 280 983 (TEIJIN LTD) 11-12-1986

Cited by  
US6000794A; EP1193077A3; FR2795366A1; CN1083914C; EP1114735A3; EP0450540A1; US5171626A; US5911855A; EP0806299A3; EP0709223A1; US5679451A; FR2876384A1; EP0391308A1; US5182175A; US5907342A; US6696118B2; WO2006040460A3; WO0078552A1; EP1329330B2

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