

Title (en)

RECORDING MEDIUM FOR RECORDING APPARATUS SUCH AS PRINTING APPARATUS

Publication

EP 0200488 A3 19890125 (EN)

Application

EP 86303123 A 19860424

Priority

US 72900685 A 19850430

Abstract (en)

[origin: EP0200488A2] The present invention relates to a recording medium (10) for use in a recording apparatus comprising a substrate (12), a sensitive layer (16) and an electrically conducting layer (14). The invention is characterised in that the sensitive layer (16) is formed from a material which is hydrophilic at temperatures below about 150 degrees C and is capable of having its hydrophilicity locally reduced by the passage of electrical current therethrough.

IPC 1-7

B41C 1/10; **B41M 5/20**

IPC 8 full level

B41C 1/10 (2006.01); **B41J 2/325** (2006.01); **B41N 1/00** (2006.01); **B41N 1/10** (2006.01)

CPC (source: EP)

B41C 1/1041 (2013.01)

Citation (search report)

- [YD] US 4081572 A 19780328 - PACANSKY THOMAS J
- [Y] US 2713822 A 19550726 - NEWMAN DOUGLAS A
- [Y] PATENT ABSTRACTS OF JAPAN, vol. 7, no. 85 (M-206)[1230], 9th April 1983; & JP-A-58 11 154 (RICOH K.K.) 21-01-1983
- [Y] PATENT ABSTRACTS OF JAPAN, vol. 5, no. 199 (M-102)[871], 17th December 1981; & JP-A-56 117 690 (RICOH K.K.) 16-09-1981

Cited by

EP0352612A1; EP0313854A3; EP0990516A1; US5052292A; EP0279066A3; DE3705439A1; US5165345A; EP0320577A3; DE4039107A1; DE4039107B4; US7297462B2; EP1531042A1; US7380500B2; EP3032334A1; US6190830B1; WO9002044A3

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 0200488 A2 19861105; **EP 0200488 A3 19890125**; JP H0473708 B2 19921124; JP S61255898 A 19861113

DOCDB simple family (application)

EP 86303123 A 19860424; JP 6884286 A 19860328