

Title (en)  
Heat-sensitive recording material

Title (de)  
Wärmeempfindliches Aufzeichnungsmaterial

Title (fr)  
Matériau d'enregistrement sensible à la chaleur

Publication  
**EP 0839669 A1 19980506 (EN)**

Application  
**EP 96117693 A 19961105**

Priority  
EP 96117693 A 19961105

Abstract (en)  
A heat-sensitive recording material, comprising a heat-sensitive recording layer containing at least one acid hydrazide compound represented by the following general formula (I): <CHEM> wherein X1 and X2 each independently represent a hydrogen atom, a hydroxyl group, a halogen atom, or an alkyl group or alkoxy group having 1 to 10 carbon atoms, A represents -CO- or -SO2-, n is 1 or 2, when n is 1, R1 represents an alkyl group, an aryl group, a hydroxyaryl group, an alkoxyaryl group, or an alkylaryl group having 1 to 22 carbon atoms, and when n is 2, R1 represents an alkylene group or arylene group having 1 to 18 carbon atoms or a direct bond.

IPC 1-7  
**B41M 5/30**

IPC 8 full level  
**B41M 5/333** (2006.01); **B41M 5/30** (2006.01)

CPC (source: EP)  
**B41M 5/3335** (2013.01); **B41M 5/3336** (2013.01)

Citation (applicant)

- JP S62156987 A 19870711 - MITSUBISHI PAPER MILLS LTD
- JP S62238788 A 19871019 - RICOH KK
- JP H0316788 A 19910124 - RICOH KK
- JP S56155791 A 19811202 - HONSHU PAPER CO LTD

Citation (search report)

- [A] US 4334015 A 19820608 - YARIAN DEAN R
- [X] PATENT ABSTRACTS OF JAPAN vol. 017, no. 255 (P - 1539) 20 May 1993 (1993-05-20)
- [AD] PATENT ABSTRACTS OF JAPAN vol. 015, no. 134 (M - 1099) 3 April 1991 (1991-04-03)

Cited by  
WO2007112015A3; US8193247B2; US8742173B2

Designated contracting state (EPC)  
BE CH DE ES FR GB LI NL

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