

Title (en)
Heat-sensitive recording material

Title (de)
Wärmeempfindliches Aufzeichnungsmaterial

Title (fr)
Matériau d'enregistrement thermosensible

Publication
EP 0675002 B1 19980225 (EN)

Application
EP 95301790 A 19950317

Priority
• JP 4899694 A 19940318
• JP 10126194 A 19940516

Abstract (en)
[origin: EP0675002A1] A heat-sensitive recording material comprises a support having provided thereon a heat-sensitive color forming layer containing an electron donating colorless dye and an electron accepting compound. The color forming layer contains a salicylic acid of formula (1) (or a metal salt thereof): <CHEM> wherein R1 represents an alkyl group or an aryl group; X represents a hydrogen atom, an alkyl group, an aryl group, an alkoxy group, or a halogen atom; M represents a hydrogen atom or an n-valent metal atom; and n represents an integer, provided that n is 1 when M represents a hydrogen atom; and a metal compound. The material exhibits improved color-forming properties, storage stability and, after printing, a stable colored image.

IPC 1-7
B41M 5/30

IPC 8 full level
B41M 5/337 (2006.01); **B41M 5/333** (2006.01)

CPC (source: EP)
B41M 5/3335 (2013.01)

Cited by
EP1186437A1; US6720286B2

Designated contracting state (EPC)
DE ES FR GB

DOCDB simple family (publication)
EP 0675002 A1 19951004; EP 0675002 B1 19980225; DE 69501637 D1 19980402; DE 69501637 T2 19980917; ES 2115318 T3 19980616; JP H07304254 A 19951121

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