

Title (en)
PRESSURE-SENSITIVE OR HEAT-SENSITIVE RECORDING MATERIAL

Publication
EP 0377406 B1 19930609 (DE)

Application
EP 89810944 A 19891212

Priority
CH 471488 A 19881221

Abstract (en)
[origin: JPH02215580A] PURPOSE: To impart lightfastness by employing a color reactant system containing a specific electron donating compound, more than one kind of organic condensation compound capable of forming a chromogenic compound with the electron donating compound, and an electron withdrawing and color developing component. CONSTITUTION: A color reactant system contains an electron donating compound A represented by a formula, and two kinds of organic condensation compounds B capable of forming a chromogenic compound with the compound A, and an electron withdrawing and color developing component C. In the formula, Y1 and Y2 are substituents detachable as anions, Q1 is -O-, -S-, >N-R or >N-NH-R, Q2 is -CH2-, -CO-, -CS- or -SO2-, R is a hydrogen atom, C1 -C12 are alkyl, C5 -C10, are cycloalkyl or aryl, ring A is an aromatic radical, and preferably B is an aromatic compound completing a conjugated double bond having an auxochrome, as required. An well known recording material, i.e., a color developer withdrawing electrons, is employed as the component C.

IPC 1-7
B41M 5/124; B41M 5/30

IPC 8 full level
B41M 5/136 (2006.01); **B41M 5/145** (2006.01); **B41M 5/323** (2006.01); **B41M 5/327** (2006.01)

CPC (source: EP US)
B41M 5/136 (2013.01 - EP US); **B41M 5/145** (2013.01 - EP US); **B41M 5/323** (2013.01 - EP US); **B41M 5/327** (2013.01 - EP US)

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

DOCDB simple family (publication)
EP 0377406 A1 19900711; EP 0377406 B1 19930609; DE 58904636 D1 19930715; JP H02215580 A 19900828; US 5013707 A 19910507

DOCDB simple family (application)
EP 89810944 A 19891212; DE 58904636 T 19891212; JP 32979489 A 19891221; US 45065089 A 19891214