

Title (en)
Thermosensitive recording material

Title (de)
Wärmeempfindliches Aufzeichnungsmaterial

Title (fr)
Matériau d'enregistrement thermosensible

Publication
EP 0518552 B1 19960306 (EN)

Application
EP 92305101 A 19920603

Priority
JP 16615591 A 19910612

Abstract (en)
[origin: EP0518552A1] A thermosensitive recording material having a high resistance to curling and cockling when colored images are developed thereon comprises a substrate sheet comprising a thermoplastic resin and having a thermal shrinkage of 1.0% to 2.0% at a temperature of 120 DEG C; a thermosensitive colored image-forming layer formed on a surface of the substrate sheet and comprising a colorless dye precursor, a color-developing agent and a binder; a backcoat layer formed on the opposite surface of the substrate sheet and having a weight of 1 to 10 g/m² and containing at least 20% by weight of a water-soluble polymeric material; and optionally, an overcoat layer formed on the thermosensitive colored image-forming layer and comprising a pigment and binder resin.

IPC 1-7
B41M 5/40

IPC 8 full level
B41M 5/28 (2006.01); **B41M 5/30** (2006.01); **B41M 5/382** (2006.01); **B41M 5/40** (2006.01); **B41M 5/41** (2006.01); **B41M 5/44** (2006.01); **B41M 5/42** (2006.01)

CPC (source: EP)
B41M 5/41 (2013.01); **B41M 5/44** (2013.01); **B41M 5/426** (2013.01); **B41M 2205/04** (2013.01); **B41M 2205/36** (2013.01)

Cited by
DE19748258A1; EP1079271A1; DE19740072A1; DE19713590C1; EP2329958A1; US6861113B2; US6770430B1; US6326330B1; WO9718091A1; WO9843824A1

Designated contracting state (EPC)
DE GB

DOCDB simple family (publication)
EP 0518552 A1 19921216; **EP 0518552 B1 19960306**; DE 69208741 D1 19960411; DE 69208741 T2 19960822; JP H04364983 A 19921217

DOCDB simple family (application)
EP 92305101 A 19920603; DE 69208741 T 19920603; JP 16615591 A 19910612