

Title (en)

Thermosensitive recording material

Title (de)

Thermoempfindliches Aufzeichnungsmaterial

Title (fr)

Matériau d'enregistrement thermosensible

Publication

EP 0611662 B1 19970402 (DE)

Application

EP 94101815 A 19940207

Priority

DE 4305165 A 19930219

Abstract (en)

[origin: EP0611662A2] A thermosensitive recording material contains a monosaccharide, oligosaccharide or polysaccharide and a catalyst in one or more binder layers arranged on a transparent support (substrate, carrier) material. On imagewise warming, for example by means of a thermal head, a black/white image of high optical density, good grey level reproduction, high sharpness and good stability is formed in the recording material.

IPC 1-7

B41M 5/30

IPC 8 full level

B41M 5/337 (2006.01); **B41M 5/28** (2006.01); **B41M 5/30** (2006.01); **B41M 5/36** (2006.01); **B41M 5/382** (2006.01); **B41M 5/44** (2006.01); **B41M 5/46** (2006.01)

CPC (source: EP US)

B41M 5/30 (2013.01 - EP US); **B41M 5/3372** (2013.01 - EP US); **B41M 5/3375** (2013.01 - EP US); **B41M 5/44** (2013.01 - EP US); **B41M 5/41** (2013.01 - EP US); **B41M 2205/04** (2013.01 - EP US); **B41M 2205/38** (2013.01 - EP US); **B41M 2205/40** (2013.01 - EP US); **Y10S 428/913** (2013.01 - EP US); **Y10T 428/24942** (2015.01 - EP US); **Y10T 428/31971** (2015.04 - EP US); **Y10T 428/31982** (2015.04 - EP US)

Cited by

EP0667245A1; US6210472B1; US6478861B1; WO0061377A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 0611662 A2 19940824; **EP 0611662 A3 19950118**; **EP 0611662 B1 19970402**; DE 4305165 A1 19940825; DE 59402265 D1 19970507; JP H06247057 A 19940906; US 5472930 A 19951205

DOCDB simple family (application)

EP 94101815 A 19940207; DE 4305165 A 19930219; DE 59402265 T 19940207; JP 3930394 A 19940215; US 19460894 A 19940210