

Title (en)
Heat-sensitive recording sheet.

Title (de)
Wärmeempfindliches Aufzeichnungsblatt.

Title (fr)
Feuille d'enregistrement thermosensible.

Publication
EP 0058345 A1 19820825 (DE)

Application
EP 82100773 A 19820203

Priority
JP 1565981 A 19810206

Abstract (en)
[origin: JPS57129785A] PURPOSE:To obtain the heat sensitive recording paper which has excellent coloring property and produces stable coloring images even though hair dressing materials and sweat are attached, by forming a coloring layer by including dimethyl terephthalate. CONSTITUTION:(A) one part of a basic colorless dye (e.g. crystal violet lactone), (B) about 3-10 parts of organic developer (e.g. bisphenol A), (C) about 1-5 parts of dimethyl terephthalate, (D) about 1-20 parts of a filler (e.g. kaoline, talk, and the like), and (E) about 10-25 parts of a bonding agent (e.g. polyvinyl alcohol) are mixed. The obtained painting liquid is applied on a substrate such as paper and film, and dried. Thus the heat sensitive recording paper is obtained.

Abstract (de)
Ein wärmeempfindliches Aufzeichnungsblatt enthält in einer farbbildenden Schicht einen basischen farblosen oder schwach farbigen chromogenen Farbstoff, ein organisches Farbentwicklungsmittel und Dimethylterephthalat.

IPC 1-7
B41M 5/26

IPC 8 full level
B41M 5/337 (2006.01)

CPC (source: EP US)
B41M 5/3375 (2013.01 - EP US); **Y10S 428/913** (2013.01 - EP US)

Citation (search report)
• JP S5672996 A 19810617 - HODOGAYA CHEMICAL CO LTD
• PATENT ABSTRACTS OF JAPAN, Band 5, Nr. 139, 3. September 1981, seite (M-86) (811) & JP - A - 56 72 996 (Hodogaya Kagaku Kogyo) (17-06-1981) * die ganze Zusammenfassung *

Cited by
EP0345755A3; FR2550998A1; EP0967089A3; EP0870625A1; FR2582990A1; FR2526717A1; EP0137982B1

Designated contracting state (EPC)
DE FR GB

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DOCDB simple family (application)
EP 82100773 A 19820203; DE 3260642 T 19820203; JP 1565981 A 19810206; US 34274882 A 19820126