

Title (en)

HEAT-SENSITIVE REGISTRATION FOIL

Publication

**EP 0173232 B1 19891108 (DE)**

Application

**EP 85110455 A 19850820**

Priority

JP 17537484 A 19840823

Abstract (en)

[origin: US4644375A] Heat-sensitive recording sheet comprising in a heat-sensitive color forming layer a colorless basic dyestuff and 4-isopropoxy-4'-hydroxydiphenyl sulfone as organic developer, wherein said color forming layer contains as sensitizer one of the compounds represented by the following formula (II) or (III): <IMAGE> (II) <IMAGE> (III) where, in the general formula (II) and (III), A represents a hydrogen atom, halogen atom, nitro group, lower alkyl group, lower alkoxy group or hydroxy group, l represents an integer from 1 to 5 and m represents an integer from 0 to 3. The sheet provides high density images and excellent stability of images.

IPC 1-7

**B41M 5/26**

IPC 8 full level

**B41M 5/333** (2006.01); **B41M 5/337** (2006.01)

CPC (source: EP US)

**B41M 5/3336** (2013.01 - EP US); **B41M 5/3375** (2013.01 - EP US)

Cited by

EP0559386A3; EP0358193A3; EP0561558A3; EP1199185A4; EP0422680A3; EP0289041A3; WO0066364A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

**US 4644375 A 19870217**; DE 3574117 D1 19891214; EP 0173232 A2 19860305; EP 0173232 A3 19861029; EP 0173232 B1 19891108; JP H04477 B2 19920107; JP S6153084 A 19860315

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**US 76304585 A 19850806**; DE 3574117 T 19850820; EP 85110455 A 19850820; JP 17537484 A 19840823