

Title (en)

PRESSURE-SENSITIVE RECORDING MATERIAL

Publication

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Application

**EP 81101430 A 19810227**

Priority

- DE 3009754 A 19800314
- DE 3009806 A 19800314

Abstract (en)

[origin: US4379721A] The present invention relates to a pressure-sensitive recording material having improved storability, lightfastness and heat resistance, which comprises a unit containing a dye precursor or its solution and a unit containing a dye acceptor material which is capable of color formation by reaction with the dye precursor. The pressure-sensitive recording material according to the invention is characterized in that the dye acceptor material is an intimate mixture comprising (a) a 2-hydroxy-benzophenone of the general formula I <IMAGE> or 3,5,7,3',4'-pentahydroxy-flavone of the formula II <IMAGE> (b) a substituted benzotriazole of the general formula III <IMAGE> and, optionally, an inert waxy binder. The invention further relates to further embodiments of this recording material with improved properties as well as process for producing the pressure-sensitive recording materials according to the invention.

IPC 1-7

**B41M 5/12; B41M 5/16**

IPC 8 full level

**B41M 5/155** (2006.01)

CPC (source: EP US)

**B41M 5/155** (2013.01 - EP US)

Citation (examination)

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- DE 2837921 A1 19800417 - KORES HOLDING ZUG AG

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**EP 0036117 A2 19810923; EP 0036117 A3 19811104; EP 0036117 B1 19860205;** AU 542008 B2 19850131; AU 6807881 A 19810917; CA 1158437 A 19831213; DK 115981 A 19810915; DK 152185 B 19880208; DK 152185 C 19880711; IE 51752 B1 19870318; IE 810462 L 19810914; US 4379721 A 19830412

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