

Title (en)

Self-contained pressure sensitive recording paper.

Title (de)

Selbstaufzeichnendes druckempfindliches Aufnahmepapier.

Title (fr)

Papier d'enregistrement autocopieur sensible à la pression.

Publication

**EP 0017386 A1 19801015 (EN)**

Application

**EP 80300838 A 19800319**

Priority

JP 3668879 A 19790328

Abstract (en)

A self-contained pressure sensitive recording material having reduced tendency of spontaneous background staining and capable of forming an impressed image of deep color, comprising a supporting material and coated thereon a layer composed of (1) a colorless dye as color former, (2) a phenolic resin or a salicyclic acid derivative or its metal salt as color developer, (3) starch particles, (4) a pigment and (5) a binder; either said color former and/or color developer being in the form of liquid composition and encapsulated in microcapsules of a melamine-formaldehyde resin as wall material. The color developer is a phenolic resin or a salicyclic acid or a metal salt thereof and the starch particles are present in an amount of at least 1.5 times the weight of the encapsulated material(s). It is preferable for both the former and developer to be microencapsulated and for microencapsulation of the developer to be carried out by in situ encapsulation.

IPC 1-7

**B41M 5/12**; **B01J 13/02**

IPC 8 full level

**B41M 5/132** (2006.01); **B01J 13/18** (2006.01); **B41M 5/124** (2006.01); **B41M 5/165** (2006.01)

CPC (source: EP)

**B41M 5/1243** (2013.01)

Citation (search report)

- GB 2015611 A 19790912 - MITSUBISHI PAPER MILLS LTD
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- FR 2425889 A1 19791214 - MINNESOTA MINING & MFG [US]
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- RESEARCH DISCLOSURE, February 1978 Industrial Opportunities Ltd, No. 16645, pages 37-38 Hamont, Hampshire GB \* Page 38, left-hand column, lines 32-37 \*

Cited by

US6861145B2; US4868152A; US9156994B2

Designated contracting state (EPC)

DE FR GB

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**EP 0017386 A1 19801015**; **EP 0017386 B1 19841212**; DE 3069782 D1 19850124; JP S55128492 A 19801004; JP S5833116 B2 19830718

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