

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 *

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Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

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

DOCDB simple family (application)

EP 80300838 A 19800319; DE 3069782 T 19800319; JP 3668879 A 19790328