

Title (en)

Recording material for receiving water-based inks

Title (de)

Aufzeichnungsmaterial für wasserverdünnbare Tinten

Title (fr)

Matériau d'enregistrement pour recevoir des encres de base aqueuse

Publication

EP 0870623 B1 20010103 (DE)

Application

EP 98105981 A 19980401

Priority

DE 19715187 A 19970411

Abstract (en)

[origin: EP0870623A1] A recording material (I) having at least one colour receiving layer (A) for absorption of a water-soluble dye solution, in which the layer (A) contains (i) an epoxide-crosslinkable, carboxylic acid group-containing, cationic copolymer (II); (ii) an epoxide-containing metal oxide (III); and (iii) a water-soluble polymer (IV). Also claimed is a process for the production of (I), by making a coating solution from copolymer (II), metal oxide sol (III) and polymer (IV), coating this solution onto a substrate material, gelling and then drying to form layer (A).

IPC 1-7

B41M 5/00

IPC 8 full level

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CPC (source: EP KR US)

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Cited by

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EP 0870623 A1 19981014; **EP 0870623 B1 20010103**; AT E198448 T1 20010115; DE 19715187 A1 19981015; DE 19715187 C2 20000629; DE 59800412 D1 20010208; DK 0870623 T3 20010409; ES 2154918 T3 20010416; JP H1134485 A 19990209; KR 19980081115 A 19981125; PT 870623 E 20010629; US 6136448 A 20001024

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