

Title (en)  
SUPPORTLESS CARBON RECORDING MATERIAL

Publication  
**EP 0037370 B1 19860910 (DE)**

Application  
**EP 81730040 A 19810321**

Priority  
DE 3010859 A 19800321

Abstract (en)  
[origin: EP0037370A2] 1. A carrier-less carbon recording material including a dye-coat - the dye particles of which are dispersed in a coat of a synthetic-resin bonding agent - and a synthetic-resin top coat which covers the rear of the dye-coat, is applied thereto as a solution and is subsequently physically dried, in which the top coat is based on a solvent-soluble non-reactive polyurethane resin comprising additives, characterised in that the top coat is modified by adding thereto, while still in its state of solution, a small quantity of a polyisocyanate derived from isocyanuric acid by replacing the three H atoms of the latter by hydrocarbon radicals which in turn carry free NCO groups and which react with reactive OH groups to form a high-strength polyurethane resin which is three-dimensionally interlaced.

IPC 1-7  
**B41M 5/12**

IPC 8 full level  
**B41M 5/10** (2006.01)

CPC (source: EP)  
**B41M 5/10** (2013.01)

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**EP 0037370 A2 19811007; EP 0037370 A3 19820113; EP 0037370 B1 19860910**; AT E22042 T1 19860915; DE 3010859 A1 19811001; DE 3175286 D1 19861016; DK 131581 A 19810922

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