

Title (en)

CURABLE TOPCOAT COMPOSITION AND METHODS FOR USE

Title (de)

HÄRTBARE DECHSCHICHTZUSAMMENSETZUNG UND METHODEN ZUR VERWENDUNG

Title (fr)

COMPOSITION DE COUCHE DE FINITION POLYMERISABLE ET PROCEDES D'UTILISATION

Publication

EP 0898584 A4 20020102 (EN)

Application

EP 97925657 A 19970516

Priority

- US 9708546 W 19970516
- US 64910596 A 19960517

Abstract (en)

[origin: WO9743319A1] A curable topcoat composition and apparatus useful for preparing stable multi-layered laminates, such as data carrying devices, and methods for preparing and using the composition. The composition includes a polymerizable composition and a polymeric binder. In preferred embodiments, a polymerisation initiator and a chain transfer agent are also added to the composition. The composition is substantially plasticizer free. The methods of using the composition include incorporating the composition into a topcoat film useful for storing the topcoat composition prior to use in preparing data carrying devices, such as cards.

IPC 1-7

C08F 2/46; **C08F 2/48**; **C08F 2/50**; **C08J 3/28**; **B32B 9/04**; **B32B 27/06**; **B32B 31/00**; **B29C 35/10**; **C08J 3/00**; **B32B 9/00**; **B32B 27/00**; **B29C 35/00**

IPC 8 full level

B32B 7/06 (2006.01); **B32B 27/08** (2006.01); **B32B 37/00** (2006.01); **C08F 2/38** (2006.01); **C08F 2/46** (2006.01); **C08J 7/04** (2006.01); **C09D 4/00** (2006.01); **C09D 4/06** (2006.01); **C09D 133/12** (2006.01); **B29C 35/08** (2006.01)

CPC (source: EP)

B32B 7/06 (2013.01); **B32B 37/26** (2013.01); **C09D 4/00** (2013.01); **C09D 4/06** (2013.01); **B29C 2035/0827** (2013.01); **B29K 2105/246** (2013.01); **B29L 2017/00** (2013.01); **B32B 38/145** (2013.01); **B32B 2037/268** (2013.01); **B32B 2038/0076** (2013.01); **B32B 2307/584** (2013.01); **B32B 2309/04** (2013.01); **B32B 2309/105** (2013.01); **B32B 2310/0831** (2013.01); **B32B 2425/00** (2013.01)

Citation (search report)

- No further relevant documents disclosed
- See references of WO 9743319A1

Designated contracting state (EPC)

DE ES FR GB IT NL

DOCDB simple family (publication)

WO 9743319 A1 19971120; AU 3073297 A 19971205; CA 2255051 A1 19971120; CA 2255051 C 20080708; CN 1218479 A 19990602; EP 0898584 A1 19990303; EP 0898584 A4 20020102; JP 2000511569 A 20000905; JP 3982638 B2 20070926

DOCDB simple family (application)

US 9708546 W 19970516; AU 3073297 A 19970516; CA 2255051 A 19970516; CN 97194686 A 19970516; EP 97925657 A 19970516; JP 54118697 A 19970516