

Title (en)
Method of protecting security documents.

Title (de)
Verfahren zum Schützen von Sicherheitsdokumenten.

Title (fr)
Procédé de protection de documents de sécurité.

Publication
EP 0192567 A1 19860827 (FR)

Application
EP 86400316 A 19860214

Priority
FR 8502172 A 19850215

Abstract (en)
[origin: US4710617A] The method is applicable to protecting security documents of the type comprising a substrate bearing information which is to be protected from tampering, together with transparent protective layers of thermoplastic material heat sealed around said substrate. The method provides a set of pigment-retaining micro-holes in the substrate, said pigment being soluble in protective layer solvents. Any attempt at dissolving away the protective layers to gain access to the support for tampering with the information thereon, will also have the effect of making tell-tale marks on the support, as it absorbs the pigment is spread in the thickness of the support like ink in blotting paper.

Abstract (fr)
Procédé de protection notamment de documents de sécurité comprenant un support de papier ou de carton sur lequel sont portées des informations, recouvert de couches de protections indéfoliables. Selon l'invention, on perfore à l'intérieur du support (3) un ensemble de microtrous borgnes (6) dans lesquels sont introduites des quantités infinitésimales de pigment coloré, solubles dans les solvants des couches de protection. Applications: préventions des contrefaçons.

IPC 1-7
B42D 15/02

IPC 8 full level
B42D 15/02 (2006.01); **B42D 15/10** (2006.01); **B44F 1/12** (2006.01)

CPC (source: EP US)
B42D 25/00 (2014.10 - EP US); **B42D 25/351** (2014.10 - US); **B42D 25/455** (2014.10 - EP US); **B42D 2033/04** (2022.01 - EP); **B42D 2033/22** (2022.01 - EP); **B42D 2033/28** (2022.01 - EP); **B42D 2035/06** (2022.01 - EP); **B42D 2035/08** (2022.01 - EP); **Y10S 283/904** (2013.01 - EP US)

Citation (search report)

- [YD] EP 0013418 A1 19800723 - HOECHST AG [DE]
- [Y] DE 413926 C 19250522 - BENECKE & CO FA A
- [Y] FR 2058515 A6 19710528 - IND BUREAU CIE FSE
- [YD] US 3836754 A 19740917 - TOYE F, et al
- [A] US 1615566 A 19270125 - BLOUNT BREWER CHARLES

Cited by
FR2675742A1; US6444377B1

Designated contracting state (EPC)
AT BE CH DE GB IT LI LU NL SE

DOCDB simple family (publication)
EP 0192567 A1 19860827; EP 0192567 B1 19900523; AT E52968 T1 19900615; DE 3671412 D1 19900628; FR 2577582 A1 19860822; FR 2577582 B1 19871127; US 4710617 A 19871201

DOCDB simple family (application)
EP 86400316 A 19860214; AT 86400316 T 19860214; DE 3671412 T 19860214; FR 8502172 A 19850215; US 86637086 A 19860523