

Title (en)

Luminescent security fibres; security documents and other materials containing these fibres.

Title (de)

Aufleuchtende Sicherheitsfasern; diese Fasern enthaltende Sicherheitspapiere und andere Materialien.

Title (fr)

Fibres de sécurité luminescentes; documents fiduciaires et autres matières les contenant.

Publication

EP 0169750 A1 19860129 (FR)

Application

EP 85401148 A 19850611

Priority

FR 8409807 A 19840622

Abstract (en)

[origin: US4655788A] The invention relates to security fibers and other allied materials made luminescent by a dyeing process employing rare-earth compounds and their applications in fiduciary documents and other materials requiring authentication.

Abstract (fr)

L'invention concerne des fibres de sécurité et autres matières connexes rendues luminescentes par un procédé de teinture utilisant des chélates de Terres Rares, et leurs applications dans des documents fiduciaires et autres matières requérant une authentification.

IPC 1-7

D21H 5/10; **D06P 1/00**; **D06P 1/673**

IPC 8 full level

B42D 15/00 (2006.01); **B44F 1/12** (2006.01); **D06M 13/50** (2006.01); **D06P 1/00** (2006.01); **D06P 1/673** (2006.01); **D21H 21/46** (2006.01)

CPC (source: EP US)

B42D 25/29 (2014.10 - EP US); **D06M 13/50** (2013.01 - EP US); **D06P 1/0012** (2013.01 - EP US); **D21H 21/46** (2013.01 - EP US); **Y10S 283/903** (2013.01 - EP US)

Citation (search report)

- [X] CH 516196 A 19711130 - AMERICAN CYANAMID CO [US]
- [A] EP 0066854 A1 19821215 - GAO GES AUTOMATION ORG [DE]

Cited by

EP0430810A1; EP0328320A1; EP0211754A3; CN1119440C; DE29513468U1; CN102587159A; WO9533094A1; WO9963144A1; WO2018202996A1; US11649563B2; EP2143776A1; US8076653B2

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

FR 2566440 A1 19851227; **FR 2566440 B1 19880722**; AT E37053 T1 19880915; DE 3564832 D1 19881013; EP 0169750 A1 19860129; EP 0169750 B1 19880907; EP 0169750 B2 19970115; US 4655788 A 19870407; US 4921280 A 19900501

DOCDB simple family (application)

FR 8409807 A 19840622; AT 85401148 T 19850611; DE 3564832 T 19850611; EP 85401148 A 19850611; US 36629389 A 19890613; US 74667185 A 19850620