

Title (en)

RECORDING PAPER COMPRISING A COMBINATION OF VARIOUS SECURITY FEATURES

Title (de)

AUFZEICHNUNGSPAPIER MIT EINER KOMBINATION MEHRERER SICHERHEITSMERKMALE

Title (fr)

PAPIER D'ENREGISTREMENT AVEC UNE COMBINAISON DE PLUSIEURS CARACTERISTIQUES DE SECURITE

Publication

**EP 1204795 B1 20041215 (DE)**

Application

**EP 00953098 A 20000726**

Priority

- DE 19936030 A 19990730
- EP 0007185 W 20000726

Abstract (en)

[origin: WO0109435A1] The invention relates to a recording paper (I) comprising at least two of the following security features (1), (2), (4) and (5), or (II) comprising at least one of the following security features (2), (4), and (5) and at least one of the following security features (1) and (3): (1) a water-insoluble dye (A) which is incorporated into the paper and which bleeds when placed in contact, for example, with an organic solvent; (2) a dye (B) which is applied to the rear side and which becomes fluorescent in daylight when brought into contact with an alkaline substance; (3) a watermark (4) is incorporated into the paper or printed thereon; (4) cellulose which is placed in the paper, is imbued with a dye (C) and/or is treated with an optical brightening agent, and which becomes fluorescent when exposed to UV radiation, and; (5) a layer applied to the rear side, which comprises acceptors and encapsulated microcapsules containing color formers, whereby the color formers enter into a color forming reaction with the acceptors by means of pressure.

IPC 1-7

**D21H 21/40**

IPC 8 full level

**B41M 3/14** (2006.01); **D21H 21/40** (2006.01); **D21H 21/46** (2006.01); **B41M 3/10** (2006.01); **D21H 21/48** (2006.01)

CPC (source: EP)

**B41M 3/14** (2013.01); **D21H 21/46** (2013.01); **B41M 3/10** (2013.01); **B41M 3/142** (2013.01); **B41M 3/144** (2013.01); **D21H 21/48** (2013.01)

Cited by

US8330122B2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**WO 0109435 A1 20010208**; AT E284997 T1 20050115; DE 19936030 A1 20010208; DE 50008970 D1 20050120; EP 1204795 A1 20020515; EP 1204795 B1 20041215; ES 2234647 T3 20050701

DOCDB simple family (application)

**EP 0007185 W 20000726**; AT 00953098 T 20000726; DE 19936030 A 19990730; DE 50008970 T 20000726; EP 00953098 A 20000726; ES 00953098 T 20000726