

Title (en)

SECURITY PAPER MADE TAMPER-PROOF AND/OR AUTHENTICATABLE BY WAY OF THERMOCHROMISM, AND PROCESS FOR ITS PREPARATION

Publication

EP 0243285 B1 19890816 (FR)

Application

EP 87420103 A 19870421

Priority

FR 8606144 A 19860424

Abstract (en)

[origin: EP0243285A1] 1. Security paper, tamperproof because of an irreversible colour reaction and/or authenticatable because of a reversible colour, containing a water-soluble combination of crystal violet lactone (I) of formula see diagramm : EP0243285,P12,F1 and of an aliphatic organic acid containing a short hydrocarbon chain.

IPC 1-7

B44F 1/12; **D21H 5/10**

IPC 8 full level

B42D 15/00 (2006.01); **B44F 1/12** (2006.01); **D21H 21/46** (2006.01); **D21H 21/48** (2006.01)

CPC (source: EP)

B42D 25/29 (2014.10); **D21H 21/46** (2013.01); **D21H 21/48** (2013.01)

Cited by

EP0608078A1; US6159585A; WO9630811A3; DE102009017444A1; WO2010119089A1

Designated contracting state (EPC)

DE ES GB IT NL

DOCDB simple family (publication)

EP 0243285 A1 19871028; **EP 0243285 B1 19890816**; DE 3760455 D1 19890921; ES 2012811 B3 19900416; FR 2597895 A1 19871030; FR 2597895 B1 19890728; PT 84736 A 19870501; PT 84736 B 19891229

DOCDB simple family (application)

EP 87420103 A 19870421; DE 3760455 T 19870421; ES 87420103 T 19870421; FR 8606144 A 19860424; PT 8473687 A 19870422