

Title (en)
Process for securing documents

Title (de)
Verfahren zur Sicherung von Dokumenten

Title (fr)
Procédé de sécurisation de documents

Publication
EP 1277881 B1 20070815 (FR)

Application
EP 02291798 A 20020717

Priority
FR 0109606 A 20010718

Abstract (en)
[origin: EP1277881A1] The procedure, e.g. for marking documents or banknotes indelibly during an attempted robbery, consists of incorporating a security symbol in each document during manufacture, including an active element that is heated by electromagnetic, e.g. microwave, radiation to alter the document visibly and render it useless. The active element can be of a metal with a low melting point, a heat-sensitive glue, a polymer or capsules that release a disclosing agent when exposed to electromagnetic radiation released in an emergency.

IPC 8 full level
D21H 21/48 (2006.01); **B42D 15/00** (2006.01)

CPC (source: EP)
B42D 25/29 (2014.10); **D21H 21/48** (2013.01)

Cited by
ITBS20080155A1; EP2002988A3; FR2999618A1; FR2907137A1; GB2452855B; GB2452855A; FR2876714A1; EP2309429A1; FR2951300A1; WO2006042967A1; WO2014097205A1; WO2008047003A3

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

Designated extension state (EPC)
AL LT LV MK RO SI

DOCDB simple family (publication)
EP 1277881 A1 20030122; EP 1277881 B1 20070815; AT E370272 T1 20070915; DE 60221755 D1 20070927; DE 60221755 T2 20080605; ES 2290259 T3 20080216; FR 2827618 A1 20030124; FR 2827618 B1 20031003

DOCDB simple family (application)
EP 02291798 A 20020717; AT 02291798 T 20020717; DE 60221755 T 20020717; ES 02291798 T 20020717; FR 0109606 A 20010718