

Title (en)
Safety sheet

Title (de)
Sicherheitsblatt

Title (fr)
Feuille de sécurité

Publication
EP 0518740 B2 19990519 (FR)

Application
EP 92401549 A 19920605

Priority
FR 9107157 A 19910612

Abstract (en)
[origin: EP0518740A1] Security document containing a security thread visible in transmitted light and appearing at the surface of the document in determined places called windows. The thread (P) is opaque and on at least one face has iridescent marks (I) appearing at least partially in at least one of the windows on at least one face of the document. The background colour of the thread is that of the part of the document where it will be introduced. The iridescent marks are preferably present on the thread noncontinuously, preferably at uniform intervals spaced at a distance which is equal to approximately that of the windows. Application to paper for bank notes. <IMAGE>

IPC 1-7
D21H 21/42

IPC 8 full level
D21H 21/42 (2006.01); **G03G 21/04** (2006.01); **G07D 7/12** (2006.01); **G07F 7/08** (2006.01)

CPC (source: EP)
D21H 21/42 (2013.01); **G03G 21/043** (2013.01); **G07D 7/12** (2013.01); **G07F 7/086** (2013.01)

Cited by
WO2005078192A1; FR2866036A1; US5573639A; AU745596B2; AU745596C; US7040663B1; US6438262B1; US9844969B2; WO2015092727A1; US10166808B2; WO9729459A1; WO9936271A1; US7905422B2; WO2020156858A1; WO2014177448A1; US10023000B2; WO2011107527A1; US9216605B2; US9701152B2; US6505779B1; EP2965920A1; US10166810B2; EP1054778B1; EP0657297B2; EP3083258B1; EP2723945B1

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

DOCDB simple family (publication)
EP 0518740 A1 19921216; EP 0518740 B1 19960313; EP 0518740 B2 19990519; AT E135432 T1 19960315; DE 69208945 D1 19960418; DE 69208945 T2 19961010; DE 69208945 T4 19990701; ES 2087476 T3 19960716; ES 2087476 T5 19991116; FR 2677676 A1 19921218; FR 2677676 B1 19970214

DOCDB simple family (application)
EP 92401549 A 19920605; AT 92401549 T 19920605; DE 69208945 A 19920605; DE 69208945 T 19920605; ES 92401549 T 19920605; FR 9107157 A 19910612