

Title (en)  
Security marking composition

Title (de)  
Sicherheitsmarkierungsmittel

Title (fr)  
Composition de marquage de sécurité

Publication  
**EP 1284322 B1 20060405 (FR)**

Application  
**EP 02291986 A 20020807**

Priority  
FR 0110806 A 20010814

Abstract (en)  
[origin: EP1284322A1] Security marking composition comprises an organic matrix containing at least two luminescent compounds forming a light cascade, at least one of the compounds having up-conversion (antiStokes) luminescence.

IPC 8 full level  
**D21H 21/48** (2006.01); **B41M 3/14** (2006.01)

CPC (source: EP)  
**D21H 21/48** (2013.01); **B41M 3/144** (2013.01)

Cited by  
EP1760134A1; AU2006227581B2; US7656511B2; WO2006099642A1

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

DOCDB simple family (publication)  
**EP 1284322 A1 20030219; EP 1284322 B1 20060405**; AT E322576 T1 20060415; DE 60210378 D1 20060518; DE 60210378 T2 20061019; DK 1284322 T3 20060529; ES 2257519 T3 20060801; FR 2828698 A1 20030221; FR 2828698 B1 20031121; MA 25711 A1 20030401; MD 2403 B1 20040331; MD 2403 C2 20040930; OA 12478 A 20060524; PT 1284322 E 20060531; TN SN02074 A1 20040305

DOCDB simple family (application)  
**EP 02291986 A 20020807**; AT 02291986 T 20020807; DE 60210378 T 20020807; DK 02291986 T 20020807; ES 02291986 T 20020807; FR 0110806 A 20010814; MA 26768 A 20020809; MD 20020201 A 20020807; OA 1200200246 A 20020814; PT 02291986 T 20020807; TN SN02074 A 20020812