

Title (en)

Method of generating a security design by electronic means

Title (de)

Verfahren zur Erzeugung eines Sicherheitskennzeichens mit Hilfe elektronischer Mittel

Title (fr)

Méthode de génération à l'aide de moyens électroniques d'un dessin de sécurité

Publication

EP 0710574 B1 19990728 (FR)

Application

EP 95810632 A 19951006

Priority

CH 326494 A 19941101

Abstract (en)

[origin: EP0710574A2] The grid of parallel lines is generated with the aid of computer graphics giving a specific ratio of the line width (lo) to the periodicity (do). The background thus created is then varied by respacing in accordance with a modulation function having preselected parameters. Finally the line width is adjusted so that its ratio to the interline spacing reverts to the original value. The initially straight lines may also become curved and a pseudo-relief image may be created by erasure of those parts of the lines which lie within its contours.

IPC 1-7

B42D 15/00

IPC 8 full level

G03G 21/04 (2006.01); **B41M 3/14** (2006.01); **B42D 15/00** (2006.01); **B42D 25/342** (2014.01); **G07D 7/00** (2016.01)

CPC (source: EP KR US)

B41M 3/14 (2013.01 - KR); **B42D 25/29** (2014.10 - US); **B42D 25/342** (2014.10 - EP US); **B42D 25/405** (2014.10 - US); **G07D 7/003** (2017.04 - EP US); **B42D 2035/16** (2022.01 - EP)

Cited by

NL1021905C2; EP1847400A3; GB2430647B; EP1291195A1; EA012364B1; WO2004020217A1; LT5868B; EP1826731A3; WO2004043189A1; US10343436B2; US11504990B2; US6997482B2; US9139034B2; WO2007036683A1; EP2803497A1; EP2803498A1; WO2014184738A2; WO2014184739A2; US9751355B2; US9908361B2

Designated contracting state (EPC)

AT CH DE FR GB IT LI SE

DOCDB simple family (publication)

EP 0710574 A2 19960508; EP 0710574 A3 19970827; EP 0710574 B1 19990728; AT E182528 T1 19990815; AU 3286695 A 19960509; AU 699124 B2 19981126; CA 2159414 A1 19960502; CA 2159414 C 20050125; CN 1087852 C 20020717; CN 1132886 A 19961009; DE 69511040 D1 19990902; DE 69511040 T2 20000105; JP 3996218 B2 20071024; JP H08295073 A 19961112; KR 100372173 B1 20030509; KR 960017169 A 19960617; RU 2138401 C1 19990927; US 5772249 A 19980630

DOCDB simple family (application)

EP 95810632 A 19951006; AT 95810632 T 19951006; AU 3286695 A 19950926; CA 2159414 A 19950928; CN 95116090 A 19951101; DE 69511040 T 19951006; JP 30636195 A 19951101; KR 19950036987 A 19951025; RU 95118737 A 19951030; US 53466395 A 19950927