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 A2 19960508 (FR)

Application

EP 95810632 A 19951006

Priority

CH 326494 A 19941101

Abstract (en)

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.

Abstract (fr)

A l'aide d'un ordinateur on génère un réseau de lignes parallèles. Le rapport de la largeur sur l'espacement de deux lignes consécutives est égale à r0. On module successivement l'espacement et la largeur des lignes de sorte que leur rapport soit égal à r0. Par la suite, on peut à choix transformer les lignes droites en lignes de forme différentes ou on peut agir sur la largeur des traits pour reproduire des images géométriques ou artistiques. <IMAGE> <IMAGE> <IMAGE>

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)

Citation (applicant)

- EP 0204552 A2 19861210 - DE LA RUE THOMAS & CO LTD [GB]
- EP 0353974 A2 19900207 - KENRICK & JEFFERSON LTD [GB]

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