

Title (en)

CODING SYSTEM FOR FORMING A SECURITY FEATURE IN OR ON A SECURITY DOCUMENT OR VALUE DOCUMENT OR A PLURALITY OF SECURITY DOCUMENTS OR VALUE DOCUMENTS

Title (de)

CODIERUNGSSYSTEM ZUM AUSBILDEN EINES SICHERHEITSMERKMALS IN ODER AN EINEM SICHERHEITS- ODER WERTDOKUMENT ODER EINER MEHRZAHL VON SICHERHEITS- ODER WERTDOKUMENTEN

Title (fr)

SYSTÈME DE CODAGE PERMETTANT DE CRÉER UNE CARACTÉRISTIQUE DE SÉCURITÉ DANS OU SUR UN DOCUMENT DE SÉCURITÉ OU DE VALEUR OU UNE PLURALITÉ DE DOCUMENTS DE SÉCURITÉ OU DE VALEUR

Publication

**EP 3717273 A1 20201007 (DE)**

Application

**EP 18821988 A 20181106**

Priority

- DE 102017127923 A 20171127
- DE 2018100901 W 20181106

Abstract (en)

[origin: WO2019101267A1] The invention relates to a coding system for forming a security feature in or on a security document or value document, comprising various luminophores that can be excited in the non-visible spectral range and emit in the visible spectral range and/or luminophore combinations that can be created from said luminophores. The luminophores and/or luminophore combinations have different emission spectra in the visible spectral range when excited in a defined manner, and therefore each of the luminophores and/or luminophore combinations is characterized by at least one individually recorded emission line and/or emission band, which differs from the individually recorded emission lines and/or emission bands of the other luminophores and/or luminophore combinations. The coding system comprises at least three luminophores. The at least three luminophores and/or the luminophore combinations created from said luminophores are applied in the form of at least three luminescent security elements for the security feature. Each of the luminescent security elements of the security feature is perceived with identical color or the same color when excited in the defined manner.

IPC 8 full level

**B42D 25/387** (2014.01); **B42D 25/24** (2014.01); **B42D 25/29** (2014.01); **B42D 25/382** (2014.01); **B42D 25/405** (2014.01); **G07D 7/12** (2016.01)

CPC (source: EP)

**B42D 25/24** (2014.10); **B42D 25/29** (2014.10); **B42D 25/382** (2014.10); **B42D 25/387** (2014.10); **B42D 25/405** (2014.10); **G07D 7/004** (2013.01); **G07D 7/1205** (2017.04); **G07D 7/2033** (2013.01)

Citation (search report)

See references of WO 2019101267A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**WO 2019101267 A1 20190531**; DE 102017127923 A1 20190613; EP 3717273 A1 20201007; EP 3717273 B1 20221228; ES 2940684 T3 20230510

DOCDB simple family (application)

**DE 2018100901 W 20181106**; DE 102017127923 A 20171127; EP 18821988 A 20181106; ES 18821988 T 20181106