Title (en)

METHOD FOR AUTHENTICATING AN OPTICALLY VARIABLE ELEMENT

Title (de)

VERFAHREN ZUR AUTHENTIFIZIERUNG EINES OPTISCH VARIABLEN ELEMENTS

Title (fr)

PROCÉDÉ D'AUTHENTIFICATION D'UN ÉLÉMENT OPTIQUEMENT VARIABLE

Publication

EP 4169002 A1 20230426 (FR)

Application

EP 21731677 A 20210616

Priority

- FR 2006419 A 20200619
- EP 2021066187 W 20210616

Abstract (en)

[origin: WO2021255069A1] The invention relates to a method for monitoring a candidate optically variable element, comprising: - recording a sequence of at least two individual candidate images of the candidate element by means of a verification device which comprises an optical lens, the sequence being obtained by moving the verification device relative to the candidate element along at least one verification path, characterised in that it also comprises: - selecting a set of N monitoring points in each individual candidate image, each monitoring point comprising a single pixel or a set of paired adjacent pixels, the position of each monitoring point in each individual candidate image being identical and predetermined by a set of coordinates recorded in a memory, - for each individual candidate image, recording the brightness of the pixels of each monitoring point along at least one verification path, - for each monitoring point, comparing the change in brightness of the paired N monitoring points along the verification path under similar lighting conditions; and - transmitting an alarm signal according to the outcome of the comparison.

IPC 8 full level

G07D 7/00 (2016.01); **G07D 7/12** (2016.01); **G07D 7/20** (2016.01); **G07D 7/206** (2016.01)

CPC (source: EP)

G07D 7/003 (2017.04); **G07D 7/0032** (2017.04); **G07D 7/12** (2013.01); **G07D 7/2016** (2013.01); **G07D 7/206** (2017.04)

Citation (search report)

See references of WO 2021255069A1

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

FR 3111726 A1 20211224; **FR 3111726 B1 20220722**; EP 4169002 A1 20230426; WO 2021255069 A1 20211223

DOCDB simple family (application)

FR 2006419 A 20200619; EP 2021066187 W 20210616; EP 21731677 A 20210616