

Title (en)  
DIGITAL REGISTRATION SYSTEM OF BANKNOTE SERIAL NUMBERS

Title (de)  
DIGITALES REGISTRIERUNGSSYSTEM VON BANKNOTENSERIENNUMMERN

Title (fr)  
SYSTÈME D'ENREGISTREMENT NUMÉRIQUE DE NUMÉROS DE SÉRIE DE BILLETS DE BANQUE

Publication  
**EP 3667626 A1 20200617 (EN)**

Application  
**EP 18000951 A 20181210**

Priority  
EP 18000951 A 20181210

Abstract (en)  
The subject of the invention is using of synergy high advanced technology, which results are written in a relational table of database. The serial number obtaining the compound unique key, which are a basic key as an identifier and auxiliary key, which created by identifier of bank branch and precise register time. Using kwerends can check up if serial numbers are doubles or existed in other register of tables, having comprehensive control of the banknotes which are illegally introduced into market. The system have applied combination a few unique functions of grade programs and high advanced mini camera, set up on mini articulated head before banknote counter or on the wall, at a small distance from a banknote image, and works in tandem with the computer. The process can be controlled manually or automatically. The digital banknote register system through compound key of serial numbers gives banks an instrument of constant banknotes inspection, registering their path of circulation, essential and indispensable for eventual inspection by law enforcement bodies.

IPC 8 full level  
**G07D 7/2033** (2016.01); **G07D 11/30** (2019.01)

CPC (source: EP)  
**G07D 7/2033** (2013.01); **G07D 11/30** (2018.12)

Citation (search report)  
• [X1] WO 2008013646 A2 20080131 - ICVN INC [US], et al  
• [X1] US 2015287133 A1 20151008 - MARLOV JOAKIM [SE], et al  
• [X1] US 8837805 B1 20140916 - AVIYANTS RAFAEL [US]  
• [X1] DE 102010045879 A1 20120322 - GIESECKE & DEVRIENT GMBH [DE]

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

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