

Title (en)  
APPARATUS FOR CHECKING THE AUTHENTICITY OF BANKNOTES

Title (de)  
VORRICHTUNG FÜR DIE ÜBERPRÜFUNG DER ECHTHEIT VON BANKNOTEN

Title (fr)  
DISPOSITIF POUR CONTROLER L'AUTHENTICITE DE BILLETS DE BANQUE

Publication  
**EP 1955292 A1 20080813 (DE)**

Application  
**EP 06806723 A 20061121**

Priority  
• EP 2006011147 W 20061121  
• DE 102005055682 A 20051122

Abstract (en)  
[origin: DE102005055682A1] The device (10) has a sensor arrangement (30) with a light source for producing light of a wavelength that is utilized to illuminate banknotes (21) to be tested. A set of marking substances is provided at the banknotes for producing light of another wavelength that is collected by the arrangement. A control device (35) analyzes the data of the arrangement by the light of the latter wavelength and compares with reference data to determine authenticity of the banknotes. The design and operation of the arrangement and/or the control device enables complicated interference at the substance.

IPC 8 full level  
**G07D 7/12** (2006.01)

CPC (source: EP US)  
**G07D 7/1205** (2017.04 - EP US)

Citation (search report)  
See references of WO 2007059923A1

Citation (examination)  
US 5652802 A 19970729 - GRAVES BRADFORD T [US], et al

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**DE 102005055682 A1 20070524**; EP 1955292 A1 20080813; US 2009028415 A1 20090129; US 8139839 B2 20120320; WO 2007059923 A1 20070531

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**DE 102005055682 A 20051122**; EP 06806723 A 20061121; EP 2006011147 W 20061121; US 8536606 A 20061121