

Title (en)
Verification device

Title (de)
Prüfgerät

Title (fr)
Dispositif de vérification

Publication
EP 1102217 A2 20010523 (EN)

Application
EP 00124994 A 20001116

Priority
JP 32631999 A 19991117

Abstract (en)
In a truth and falsehood determination device 1, a multiplicity of perforations, which are so fine as to make it difficult for them to be visually observed and composed of a multiplicity of background perforations (5, 9) 5 and a multiplicity of information perforations (6, 10) 6, are disposed in a staggered arrangement with respect to the disposition of stripes having colors of R, G, B which constitute a color element screen (2) 2 used to determine truth and falsehood as well as the information perforations (6, 10) 6 are shifted from the background perforations 5 by a predetermined distance x. Further, the background perforations (5, 9) 5 and the information perforations (6, 10) 6 of each row are partially shifted vertically to provide them with binarized data composed of "0" and "1". With this arrangement, the truth and falsehood determination device 1 can prevent forgery and alteration of precious prints. <IMAGE>

IPC 1-7
G07D 7/20

IPC 8 full level
B42D 15/10 (2006.01); **B44F 1/12** (2006.01); **D21H 21/48** (2006.01); **G07D 7/00** (2006.01); **G07D 7/20** (2006.01); **G07F 7/08** (2006.01)

CPC (source: EP US)
G07D 7/12 (2013.01 - EP US); **G07D 7/20** (2013.01 - EP US); **G07F 7/086** (2013.01 - EP)

Cited by
EP2674923A3; FR2970101A1; CN104641402A; US2015228143A1; AU2012390236B2; US9646448B2; US10115259B2

Designated contracting state (EPC)
CH DE FR GB IT LI

DOCDB simple family (publication)
EP 1102217 A2 20010523; **EP 1102217 A3 20030910**; **EP 1102217 B1 20060816**; DE 60030066 D1 20060928; DE 60030066 T2 20070315; JP 2001138699 A 20010522; JP 3306510 B2 20020724

DOCDB simple family (application)
EP 00124994 A 20001116; DE 60030066 T 20001116; JP 32631999 A 19991117