

Title (en)

SECURE DOCUMENT, SYSTEM FOR MAKING SAME AND SYSTEM FOR READING SAID DOCUMENT

Title (de)

SICHERHEITSDOKUMENT, SYSTEM ZU SEINER HERSTELLUNG UND SYSTEM ZUM AUSLESEN DIESES DOKUMENTS

Title (fr)

DOCUMENT SECURISE, SYSTEME DE FABRICATION ET SYSTEME DE LECTURE DE CE DOCUMENT

Publication

EP 1196823 A1 20020417 (FR)

Application

EP 00949629 A 20000704

Priority

- FR 0001914 W 20000704
- FR 9908958 A 19990709

Abstract (en)

[origin: FR2796184A1] The invention concerns a document comprising at least a drawing or an information produced, for example, by printing. Said document further comprises a hologram representing part of the document. The hologram of the document is recorded by a system comprising a pre-recorded or electrically controllable optical modulator (23) wherein is recorded the image of part at least of the document. Said modulator is designed to be associated with a photosensitive material film (21). A first reference wave (R) illuminates the photosensitive material film. A second incident wave (I) on said modulator (23) and producing a third object wave (O) is also transmitted with the photosensitive material film to interfere in said film with the reference wave (R).

IPC 1-7

G03H 1/04; B42D 15/10

IPC 8 full level

B42D 15/10 (2006.01); **G03H 1/00** (2006.01); **G03H 1/04** (2006.01); **G03H 1/18** (2006.01); **G06K 7/12** (2006.01); **G06K 19/06** (2006.01); **G06K 19/16** (2006.01)

CPC (source: EP KR US)

G03H 1/0011 (2013.01 - EP KR US); **G03H 1/041** (2013.01 - EP KR US); **G03H 1/2249** (2013.01 - EP US); **G03H 1/2286** (2013.01 - EP US); **G06K 7/12** (2013.01 - EP US); **G06K 19/06046** (2013.01 - EP US); **G06K 19/16** (2013.01 - EP US); **G03H 1/0404** (2013.01 - EP US); **G03H 1/0406** (2013.01 - EP US); **G03H 1/2249** (2013.01 - KR); **G03H 1/2286** (2013.01 - KR); **G03H 2001/0016** (2013.01 - EP US); **G03H 2001/0022** (2013.01 - EP US); **G03H 2001/0204** (2013.01 - EP US); **G03H 2001/0413** (2013.01 - EP US); **G03H 2001/0415** (2013.01 - EP US); **G03H 2001/0417** (2013.01 - EP US); **G03H 2001/2231** (2013.01 - EP US); **G03H 2001/2263** (2013.01 - EP US); **G03H 2001/264** (2013.01 - EP US); **G03H 2210/22** (2013.01 - EP US); **G03H 2210/33** (2013.01 - EP US); **G03H 2210/54** (2013.01 - EP US); **G03H 2210/562** (2013.01 - EP US); **G03H 2223/23** (2013.01 - EP US); **G03H 2225/60** (2013.01 - EP US); **G03H 2227/05** (2013.01 - EP US); **G06K 7/12** (2013.01 - KR); **G06K 19/06046** (2013.01 - KR)

Citation (search report)

See references of WO 0104709A1

Citation (examination)

- WO 9521747 A1 19950817 - COMMW SCIENT IND RES ORG [AU], et al
- JP H10143057 A 19980529 - DAINIPPON PRINTING CO LTD

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL

DOCDB simple family (publication)

FR 2796184 A1 20010112; FR 2796184 B1 20011102; AU 6292700 A 20010130; CA 2378658 A1 20010118; EP 1196823 A1 20020417; JP 2003504694 A 20030204; KR 20020027485 A 20020413; PL 204975 B1 20100226; PL 352800 A1 20030908; TR 200200005 T2 20020923; US 2005052716 A1 20050310; US 6873443 B1 20050329; US 6980336 B2 20051227; WO 0104709 A1 20010118

DOCDB simple family (application)

FR 9908958 A 19990709; AU 6292700 A 20000704; CA 2378658 A 20000704; EP 00949629 A 20000704; FR 0001914 W 20000704; JP 2001510055 A 20000704; KR 20027000346 A 20020109; PL 35280000 A 20000704; TR 200200005 T 20000704; US 1931402 A 20020109; US 97113604 A 20041025