

Title (en)

Process and apparatus for manufacturing a "hologram-like" device fixed on an object

Title (de)

Verfahren und Gerät zur Herstellung einer auf einem Gegenstand befestigten "Hologramm-ähnlichen" Vorrichtung

Title (fr)

Procédé et appareil pour fabriquer un dispositif comme un hologramme, fixé sur un objet

Publication

EP 1602508 A1 20051207 (EN)

Application

EP 04291408 A 20040604

Priority

EP 04291408 A 20040604

Abstract (en)

A simple, economical and fast process for manufacturing a "hologram-like" device fixed on an object and an apparatus for carrying out said process, wherein the process comprises the steps of preparing a micro-engraved die having a pattern thereon by using the proven technologies in the semicon industry such as photolithography, positioning a foil between the micro-engraved die and said object, and pressing the micro-engraved die against the foil either manually or automatically by using a hot stamping machine, whereby said pattern will be stamped on the foil to obtain said "hologram-like" device and whereby said "hologram-like" device is fixed on said object. <IMAGE>

IPC 1-7

B42D 15/00; B42D 15/10

IPC 8 full level

B42D 15/00 (2006.01); **B42D 15/10** (2006.01)

CPC (source: EP)

B42D 25/328 (2014.10); **B42D 25/40** (2014.10)

Citation (search report)

- [XY] WO 2004030928 A1 20040415 - NOTE PRINTING AU LTD [AU], et al
- [XY] EP 0374256 A1 19900627 - DAINIPPON PRINTING CO LTD [JP]
- [XY] WO 03095228 A1 20031120 - KURZ LEONHARD FA [DE], et al
- [XY] EP 0013557 A2 19800723 - HOECHST AG [DE]
- [XY] GB 1517840 A 19780712 - LANDIS & GYR AG
- [Y] WO 9956964 A1 19991111 - GIESECKE & DEVRIENT GMBH [DE], et al

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1602508 A1 20051207

DOCDB simple family (application)

EP 04291408 A 20040604