

Title (en)
APPLYING HOLOGRAPHIC EFFECTS TO PRINTS

Title (de)
ANWENDUNG VON HOLOGRAFISCHEN EFFEKTEN AUF DRUCKEN

Title (fr)
APPLICATION D'EFFETS HOLOGRAPHIQUES SUR DES IMPRESSIONS

Publication
EP 3274772 A1 20180131 (EN)

Application
EP 16769346 A 20160316

Priority

- US 201514670334 A 20150326
- US 201514670344 A 20150326
- US 201514670327 A 20150326
- US 2016022556 W 20160316

Abstract (en)
[origin: WO2016153850A1] Lighting information comprising at least the reflectance data of a plurality of regions of an object surface is generated and printed out as a series of relightable holograms. Each of the printed holograms comprises the reflectance data of a corresponding region of the object. A model of the object is generated such that the model also comprises a plurality of portions corresponding to the regions of the object surface. The series of holograms are each affixed to a portion of the model such that a particular hologram of the series which encodes the reflectance data of a particular region of the object is affixed to the corresponding portion of the model. In an embodiment, the model of the object is generated from a metal. The series of holograms is engraved directly onto the metallic model such that a particular hologram of the series which encodes the reflectance data of a particular region of the object is engraved onto the corresponding portion of the metallic model.

IPC 8 full level
G03H 1/08 (2006.01); **B33Y 80/00** (2015.01); **G03H 1/04** (2006.01)

CPC (source: CN EP KR)
B29C 67/00 (2013.01 - KR); **G03H 1/0244** (2013.01 - CN EP KR); **G03H 1/0272** (2013.01 - CN EP KR); **G03H 1/0443** (2013.01 - CN); **G03H 1/0465** (2013.01 - CN); **G03H 1/0476** (2013.01 - CN EP KR); **G03H 1/08** (2013.01 - CN); **G03H 1/2249** (2013.01 - CN EP); **G03H 2001/0469** (2013.01 - CN); **G03H 2270/13** (2013.01 - CN EP KR); **G03H 2270/52** (2013.01 - CN EP)

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2016153850 A1 20160929; CN 107407906 A 20171128; CN 107430377 A 20171201; CN 107430378 A 20171201; EP 3274770 A1 20180131; EP 3274770 A4 20181031; EP 3274771 A1 20180131; EP 3274771 A4 20181031; EP 3274772 A1 20180131; EP 3274772 A4 20181031; HK 1245905 A1 20180831; HK 1245906 A1 20180831; HK 1245907 A1 20180831; KR 102569427 B1 20230821; KR 102646706 B1 20240311; KR 102656989 B1 20240411; KR 20170129927 A 20171127; KR 20170129941 A 20171127; KR 20170130533 A 20171128; WO 2016153867 A1 20160929; WO 2016153869 A1 20160929

DOCDB simple family (application)
US 2016022483 W 20160315; CN 201680018710 A 20160315; CN 201680018722 A 20160316; CN 201680018749 A 20160316; EP 16769341 A 20160315; EP 16769346 A 20160316; EP 16769347 A 20160316; HK 18105332 A 20180424; HK 18105333 A 20180424; HK 18105334 A 20180424; KR 20177030464 A 20160316; KR 20177030522 A 20160316; KR 20177030800 A 20160315; US 2016022556 W 20160316; US 2016022570 W 20160316