

Title (en)

RECORDING HOLOGRAPHIC DATA ON REFLECTIVE SURFACES

Title (de)

AUFZEICHNUNG VON HOLOGRAFISCHEN DATEN AUF REFLEKTIERENDEN OBERFLÄCHEN

Title (fr)

ENREGISTREMENT DE DONNÉES HOLOGRAPHIQUES SUR DES SURFACES RÉFLÉCHISSANTES

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Application

EP 16769347 A 20160316

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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

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Citation (search report)

- [Y] WO 03016030 A1 20030227 - VANTICO AG [CH], et al
- [Y] EP 0728329 B1 19990512 - DU PONT [US]
- [A] US 2004151827 A1 20040805 - ARGOITIA ALBERTO [US], et al
- [A] US 2013022222 A1 20130124 - ZSCHAU ENRICO [DE], et al
- See references of WO 2016153869A1

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