

Title (en)  
RELIGHTABLE HOLOGRAMS

Title (de)  
AUFHELLBARE HOLOGRAMME

Title (fr)  
HOLOGRAMMES RÉ-ÉCLAIRABLES

Publication  
**EP 3274770 A4 20181031 (EN)**

Application  
**EP 16769341 A 20160315**

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• US 201514670327 A 20150326  
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• US 201514670344 A 20150326  
• US 2016022483 W 20160315

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.

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**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)

Citation (search report)  
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• [A] US 2004151827 A1 20040805 - ARGOITIA ALBERTO [US], et al  
• [A] US 2013022222 A1 20130124 - ZSCHAU ENRICO [DE], et al  
• See also references of WO 2016153850A1

Designated contracting state (EPC)  
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