

Title (en)

SYSTEMS AND METHODS FOR FABRICATING THREE-DIMENSIONAL OBJECTS

Title (de)

SYSTEME UND VERFAHREN ZUR HERSTELLUNG DREIDIMENSIONALER GEGENSTÄNDE

Title (fr)

SYSTÈMES ET PROCÉDÉS POUR FABRIQUER DES OBJETS TRIDIMENSIONNELS

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Application

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Priority

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Abstract (en)

[origin: WO2014074954A2] Systems and methods for fabricating three-dimensional objects. The system includes an optical imaging system providing a light source; a photosensitive medium adapted to change states upon exposure to a portion of the light source from the optical imaging system; a control system for controlling movement of the optical imaging system, wherein the optical imaging system moves continuously above the photosensitive medium. The method includes moving a maskless optical imaging system providing the light beam in a continuous sequence; presenting the light beam on a portion of the photosensitive medium; lowering a plate upon which the photosensitive medium resides; and applying a new layer of the photosensitive medium.

IPC 8 full level

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