

Title (en)

SYSTEM FOR LAYERED CONSTRUCTION OF A BODY AND PAN THEREFOR

Title (de)

ANLAGE ZUM SCHICHTWEISEN AUFBAU EINES KÖRPERS UND WANNE HIEFÜR

Title (fr)

INSTALLATION PERMETTANT LA CONSTITUTION PAR COUCHES D'UN CORPS ET CUVETTE POUR LADITE INSTALLATION

Publication

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Application

EP 14738715 A 20140611

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Abstract (en)

[origin: WO2014201486A1] The invention relates to a system for layered construction (1) of a body made from a light-curable substance (4), comprising: a pan (5) made of elastic material for receiving the substance (4) in a liquid or pasty state; a light source (10) for regionally selective curing of the layer (3 i) of substance (4) on the bottom of the pan; a construction platform (11), arranged above the pan bottom (6) and capable of being raised and lowered relative thereto, for adhering to and lifting the cured substance layer (3 i); a clamping device (9), which is designed to exert tension (F i, F 3) or pressure (F 2) onto the pan (5); and a control device (13) that controls the clamping device (9) and the construction platform (11) accordingly. The invention further relates to a pan (5) for use in such a system (1).

IPC 8 full level

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