

Title (en)

PROCESS AND DEVICE FOR PRODUCING OBJECTS BY STEREOLITHOGRAPHY

Title (de)

VORRICHTUNG UND VERFAHREN ZUM HERSTELLEN EINES OBJEKTES MITTELS STEREOLITHOGRAPHIE

Title (fr)

PROCEDE ET DISPOSITIF DE FABRICATION D'OBJETS PAR STEREOLITHOGRAPHIE

Publication

EP 0767733 A1 19970416 (DE)

Application

EP 96914108 A 19960424

Priority

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- EP 9601703 W 19960424

Abstract (en)

[origin: EP0739704A1] An object is made by stereography by exposing a liquid or powdered material (3) in a bath to electromagnetic radiation. The object is positioned by a carrier (4) w.r.t. the surface (2) of the bath where a layer of the material (3) is solidified by the irradiation arrangement (8). A wiper (15) is moved along the surface (2) by a drive (26). The wiper has two surface regions (16,17) in the direction of motion (30) which have different surface tension values.

IPC 1-7

B29C 67/00; **G03C 9/08**

IPC 8 full level

G03F 7/20 (2006.01); **B29C 41/12** (2006.01); **B29C 67/00** (2006.01); **G03C 9/08** (2006.01)

CPC (source: EP US)

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