

Title (en)  
BUILDING-SPACE CHANGING DEVICE AND AN APPARATUS FOR PRODUCING A THREE-DIMENSIONAL OBJECT WITH A BUILDING-SPACE CHANGING DEVICE

Title (de)  
BAURAUUMVERÄNDERUNGSEINRICHTUNG SOWIE EINE VORRICHTUNG ZUM HERSTELLEN EINES DREIDIMENSIONALEN OBJEKTS MIT EINER BAURAUUMVERÄNDERUNGSEINRICHTUNG

Title (fr)  
DISPOSITIF DE MODIFICATION D'ESPACE DE FABRICATION ET DISPOSITIF POUR FABRIQUER UN OBJET TRIDIMENSIONNEL À L'AIDE DUDIT DISPOSITIF DE MODIFICATION D'ESPACE DE FABRICATION

Publication  
**EP 2576191 A2 20130410 (DE)**

Application  
**EP 11722310 A 20110509**

Priority  
• DE 102010020416 A 20100512  
• EP 2011002302 W 20110509

Abstract (en)  
[origin: WO2011141152A2] A building-space changing device for an apparatus for producing a three-dimensional object by making a powdered building material solidify layer by layer at the points in the respective layers that correspond to the object has one or more smaller bases (32) or one or more building-space separating elements (20) on a building platform (2), whereby the apparatus has one or more smaller building areas (22.1, 22.2, 22.3), in which the powder material is used more effectively or different powder materials are processed.

IPC 8 full level  
**B29C 67/00** (2006.01); **B22F 3/105** (2006.01)

CPC (source: EP US)  
**B22F 10/28** (2021.01 - EP US); **B22F 10/73** (2021.01 - EP US); **B22F 12/41** (2021.01 - EP US); **B22F 12/57** (2021.01 - EP US); **B22F 12/67** (2021.01 - EP US); **B29C 35/08** (2013.01 - US); **B29C 64/153** (2017.07 - EP US); **B29C 64/165** (2017.07 - EP US); **B29C 64/245** (2017.07 - EP US); **B29C 64/364** (2017.07 - EP US); **B33Y 40/00** (2014.12 - EP US); **B22F 10/12** (2021.01 - EP US); **B22F 10/14** (2021.01 - EP US); **B22F 10/18** (2021.01 - EP US); **B22F 12/44** (2021.01 - EP US); **B22F 12/70** (2021.01 - EP US); **Y02P 10/25** (2015.11 - EP US)

Citation (search report)  
See references of WO 2011141152A2

Citation (examination)  
US 2007026099 A1 20070201 - HAGIWARA MASASHI [JP]

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**DE 102010020416 A1 20111117**; CN 102917862 A 20130206; EP 2576191 A2 20130410; JP 2013526429 A 20130624; US 2011293771 A1 20111201; US 8845319 B2 20140930; WO 2011141152 A2 20111117; WO 2011141152 A3 20120105

DOCDB simple family (application)  
**DE 102010020416 A 20100512**; CN 201180023505 A 20110509; EP 11722310 A 20110509; EP 2011002302 W 20110509; JP 2013509466 A 20110509; US 201113106142 A 20110512