

Title (en)
THREE-DIMENSIONAL PRINTER

Title (de)
DREIDIMENSIONALER DRUCKER

Title (fr)
IMPRIMANTE TRIDIMENSIONNELLE

Publication
EP 4323193 A1 20240221 (EN)

Application
EP 22796623 A 20220427

Priority

- US 202163180437 P 20210427
- US 202117241843 A 20210427
- US 202163180438 P 20210427
- US 2022026507 W 20220427

Abstract (en)
[origin: WO202232248A1] The disclosure relates to a three-dimensional printer includes a housing defining a cavity and first and second fixed rails extending along a first axis. First and second movable rails extend along a second axis and move independent of other another along the first axis. First and second print heads move along the second axis on the first and second movable rails, respectively, and first, second, and third dividers collectively separate the cavity to partially define process and instrument chambers. The first divider is mounted to the housing and the first movable rail and expands and contracts with the movement of the first movable rail. The second divider is mounted to the housing and the second movable rail and expands and contracts with the movement of the second movable rail. The third divider is mounted to the movable rails and expands and contracts with the movement of the movable rails.

IPC 8 full level
B33Y 30/00 (2015.01)

CPC (source: EP)
B33Y 30/00 (2014.12)

Citation (search report)
See references of WO 202232248A1

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

Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
WO 202232248 A1 20221103; EP 4323193 A1 20240221

DOCDB simple family (application)
US 2022026507 W 20220427; EP 22796623 A 20220427