

Title (en)

METHOD AND SYSTEM FOR FABRICATING A PRODUCT BY MEANS OF A DIGITAL FABRICATION UNIT

Title (de)

VERFAHREN UND SYSTEM ZUR HERSTELLUNG EINER WARE MITTELS EINER DIGITALEN FABRIKATOR-EINHEIT

Title (fr)

PROCÉDÉ ET SYSTÈME DE FABRICATION D'UN PRODUIT AU MOYEN D'UNE UNITÉ DE FABRICATION NUMÉRIQUE

Publication

EP 3011508 A1 20160427 (DE)

Application

EP 13785353 A 20130930

Priority

- DE 102013010366 A 20130621
- EP 2013002927 W 20130930

Abstract (en)

[origin: WO2014202104A1] The invention relates to a method and to a system for fabricating a product by means of a digital fabrication unit, wherein via a communications network (1), a service for fabricating the product is started by a communication device (2) connected to the network. By means of a digital fabrication unit, the product is fabricated in accordance with data describing the fabrication of the product, which is provided to the fabrication unit, wherein in a database (5) within the communications network, at least one data catalog (6) listing a plurality of products available for fabrication is stored. To each product, at least one set of data containing the data describing the fabrication of the product is assigned, and subject to an information assigned to the communication device (2), in particular subject to a network identifier or device identifier of the communication device (2), or locality, at least one product from a subset of all the products available for fabrication is displayed on a display unit of the communication device (2). The subset is formed subject to the information assigned to the communication device (2), and the at least one product selected from the subset is displayed by the product visualization descriptive data, which are transmitted by a server (3), in particular a fabrication server (3), to the communication device (2) via the communications network (1), and which have a smaller amount of data than the data stored for the product fabrication and which have a smaller amount of data than the data stored for the product fabrication. Data are sent to the server (3), in particular fabrication server (3), by the communication device (2), which data describe the preparation of a modification of the at least one selected product. The data stored in the database (5) describing the fabrication of the at least one product, and the data describing the preparation of the modification are combined to total data, which describe the fabrication of the modified product, and based on the combined total data, the modified product is fabricated by means of a fabrication unit.

IPC 8 full level

G06Q 10/00 (2012.01); **G06Q 50/04** (2012.01)

CPC (source: EP RU US)

B29C 64/386 (2017.07 - EP RU US); **G05B 19/4099** (2013.01 - RU US); **G06Q 10/10** (2013.01 - EP RU US); **G06Q 50/04** (2013.01 - EP RU US); **B33Y 50/02** (2014.12 - US); **G05B 2219/35134** (2013.01 - US); **G05B 2219/49007** (2013.01 - US); **Y02P 90/30** (2015.11 - EP US)

Citation (search report)

See references of WO 2014202104A1

Citation (examination)

- US 2011313878 A1 20111222 - NORMAN BRYAN C [US]
- US 2003109949 A1 20030612 - IKEDA KENJI [JP], et al
- US 8412588 B1 20130402 - BODELL COLIN [US], et al

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)

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DOCDB simple family (publication)

WO 2014202104 A1 20141224; CA 2914214 A1 20141224; CN 105324772 A 20160210; DE 102013010366 A1 20150108; EP 3011508 A1 20160427; JP 2016524245 A 20160812; RU 2015154718 A 20170726; RU 2643625 C2 20180202; US 2016096333 A1 20160407; US 9987803 B2 20180605

DOCDB simple family (application)

EP 2013002927 W 20130930; CA 2914214 A 20130930; CN 201380077653 A 20130930; DE 102013010366 A 20130621; EP 13785353 A 20130930; JP 2016520289 A 20130930; RU 2015154718 A 20130930; US 201314892579 A 20130930