

Title (en)

METHOD FOR OPERATING A DEVICE, COMPUTER PROGRAM PRODUCT AND DEVICE FOR PRODUCING A PRODUCT

Title (de)

VERFAHREN ZUM BETREIBEN EINER VORRICHTUNG, COMPUTERPROGRAMMPRODUKT UND VORRICHTUNG ZUM HERSTELLEN EINES PRODUKTES

Title (fr)

PROCÉDÉ DE FONCTIONNEMENT D'UN DISPOSITIF, PRODUIT PROGRAMME INFORMATIQUE ET DISPOSITIF DE FABRICATION D'UN PRODUIT

Publication

**EP 3962708 A1 20220309 (DE)**

Application

**EP 20723079 A 20200428**

Priority

- CH 5672019 A 20190429
- EP 2020061797 W 20200428

Abstract (en)

[origin: WO202221766A1] The invention relates to a method for operating a device for producing a product, comprising the following steps: - capturing at least one quality data record (10, 10') comprising measured values of one or more quality parameters, each corresponding to one property of the product; - capturing at least one associated machine data record (20, 20') comprising actual values of a plurality of adjustable machine parameters of the device; - chronologically assigning the quality data record (10, 10') to the machine data record (20, 20') and generating a first data record (30) comprising chronologically correlated measured values and actual values; - repeating the preceding steps at least once to generate at least one second data record (30'); - determining a correlation (40) between the quality parameter(s) and the machine parameters by comparing the captured data records (30, 30') and creating a control model for the device, - providing a corresponding target value for at least one of the adjustable machine parameters on the basis of the control model, proceeding from a target value of the quality parameter(s). The invention also relates to a computer program product for carrying out the method and to a device comprising said computer program product.

IPC 8 full level

**B29C 45/78** (2006.01); **B29C 45/76** (2006.01); **B29C 49/78** (2006.01)

CPC (source: CH EP US)

**B29C 45/76** (2013.01 - CH EP); **B29C 45/766** (2013.01 - EP US); **B29C 49/78** (2013.01 - CH US); **G05B 13/0265** (2013.01 - US); **G05B 13/042** (2013.01 - US); **G05D 27/02** (2013.01 - CH); **B29C 45/78** (2013.01 - EP); **B29C 49/783** (2013.01 - EP); **B29C 2049/7861** (2022.05 - EP); **B29C 2049/7864** (2022.05 - EP); **B29C 2049/78715** (2022.05 - EP); **B29C 2945/7604** (2013.01 - EP); **B29C 2945/76287** (2013.01 - EP); **B29C 2945/76381** (2013.01 - EP); **B29C 2945/76585** (2013.01 - EP); **B29C 2945/76769** (2013.01 - EP); **B29C 2945/76899** (2013.01 - EP); **B29C 2945/76949** (2013.01 - EP US)

Citation (search report)

See references of WO 2020221766A1

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

DOCDB simple family (publication)

**CH 716122 A1 20201030**; CN 113795366 A 20211214; EP 3962708 A1 20220309; US 2022176604 A1 20220609; WO 2020221766 A1 20201105

DOCDB simple family (application)

**CH 5672019 A 20190429**; CN 202080031860 A 20200428; EP 2020061797 W 20200428; EP 20723079 A 20200428; US 202017604957 A 20200428