

Title (en)

MODULE AND METHOD FOR INITIALIZING AND CALIBRATING A PRODUCT DURING THE MANUFACTURE THEREOF

Title (de)

MODUL UND VERFAHREN ZUR INITIALISIERUNG UND KALIBRIERUNG EINES PRODUKTS WÄHREND DESSEN HERSTELLUNG

Title (fr)

MODULE ET PROCÉDÉ POUR INITIALISER ET CALIBRER UN PRODUIT PENDANT SA FABRICATION

Publication

**EP 3977395 A1 20220406 (DE)**

Application

**EP 20728476 A 20200526**

Priority

- DE 102019207868 A 20190529
- EP 2020064515 W 20200526

Abstract (en)

[origin: WO2020239731A1] The invention relates to a module (300) for initializing and calibrating a product (100) during the manufacture of the product (100) in a manufacturing environment (200), wherein the module (300) is arrangeable on the product (100) and wherein the module (300) has a first interface (118) for wireless data transmission between the module (300) and the manufacturing environment (200), a second interface (122) for making a data connection between the module (300) and the product (100), an electrical energy source (120) and a data processing unit (116). The module (300) is designed to supply the product (100) with energy by means of the energy source (120) at least intermittently, to use the second interface (122) to make a data connection to the product (100), to use the second interface (122) to perform test and/or calibration routines on the product (100), wherein the data processing unit (116) generates test and/or calibration data when performing the test and/or calibration routines, and to use the first interface (118) to convey the test and/or calibration data to the manufacturing environment (200).

IPC 8 full level

**G06Q 50/04** (2012.01); **G01R 31/00** (2006.01); **G06Q 10/06** (2012.01); **H05K 13/00** (2006.01)

CPC (source: EP US)

**G01R 31/2844** (2013.01 - US); **G01R 31/3025** (2013.01 - US); **G01R 31/31721** (2013.01 - US); **G01R 31/3191** (2013.01 - US); **G06Q 10/06395** (2013.01 - EP US); **G06Q 50/04** (2013.01 - EP US); **G01R 31/2844** (2013.01 - EP); **Y02P 90/30** (2015.11 - EP)

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)

**WO 2020239731 A1 20201203**; CN 113906463 A 20220107; DE 102019207868 A1 20201203; EP 3977395 A1 20220406; US 11953551 B2 20240409; US 2022317183 A1 20221006

DOCDB simple family (application)

**EP 2020064515 W 20200526**; CN 202080039025 A 20200526; DE 102019207868 A 20190529; EP 20728476 A 20200526; US 202017595913 A 20200526