

Title (en)

METHOD FOR INTEGRATING AN AUTOMATION TECHNOLOGY FIELD DEVICE IN A DISTRIBUTED LEDGER

Title (de)

VERFAHREN ZUM EINBINDEN EINES FELDGERÄTS DER AUTOMATISIERUNGSTECHNIK IN EINE DISTRIBUTED LEDGER

Title (fr)

PROCÉDÉ DESTINÉ À INTÉGRER UN DISPOSITIF DE TERRAIN DE TECHNOLOGIE D'AUTOMATISATION DANS UN REGISTRE RÉPARTI

Publication

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Application

EP 21746016 A 20210716

Priority

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Abstract (en)

[origin: WO2022037865A1] The invention relates to an automation technology field device (FG) having operating electronics (BE) and a plurality of parameters (PA1, PA2, PA3, PAn), the operating electronics (BE) being designed to operate the field device (FG) on the basis of the parameters (PA1, PA2, PA3, ..., PAn) and to obtain and process data on the basis of the parameters, wherein a firmware (FW) having a software container (SC) is allocated to the operating electronics (BE), the software container (SC) being designed to execute the installed code (CD) and to establish, by means of the code (CD), a communication connection to a distributed ledger (DL) via at least one of the outputs (OP1, OP2) via a higher-level communication network, to integrate the field device (FG) in the distributed ledger (DL) and to process and/or combine at least one part of the obtained and processed data into result data and to transmit the result data to the distributed ledger (DL). The invention further relates to a method for integrating a field device according to the invention into a distributed ledger (DL) designed according to digital ledger technology.

IPC 8 full level

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See references of WO 2022037865A1

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