

Title (en)

DEVICE HAVING A DIGITAL TWIN OF AN ELECTRONIC COMPONENT, METHOD FOR PRODUCING THE DEVICE HAVING THE DIGITAL TWIN, METHOD FOR DETERMINING A REPROCESSING PROCESS FOR THE COMPONENT, AND METHOD FOR REPROCESSING THE ELECTRONIC COMPONENT

Title (de)

VORRICHTUNG MIT DIGITALEM ZWILLING EINES ELEKTRONISCHEN BAUTEILS, VERFAHREN ZUM ERZEUGEN DER VORRICHTUNG MIT DIGITALEM ZWILLING, VERFAHREN ZUM BESTIMMEN EINES WIEDERAUFARBEITUNGS-PROZESSES DES BAUTEILS UND VERFAHREN ZUM WIEDERAUFARBEITEN DES ELEKTRONISCHEN BAUTEILS

Title (fr)

DISPOSITIF À JUMENT NUMÉRIQUE D'UN COMPOSANT ÉLECTRONIQUE, PROCÉDÉ DE FABRICATION DU DISPOSITIF À JUMENT NUMÉRIQUE, PROCÉDÉ DE DÉTERMINATION D'UN PROCESSUS DE RETRAITEMENT DU COMPOSANT, ET PROCÉDÉ DE RETRAITEMENT DU COMPOSANT ÉLECTRONIQUE

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Application

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Abstract (en)

[origin: WO2022214295A1] The invention relates to a device having a digital twin of an electronic component. The device comprises at least one data medium having reprocessing data regarding the component and at least one processor for processing the reprocessing data. The reprocessing data can comprise current reprocessing data. It is thus possible to determine a recycling (reprocessing) process which respects a specific relevant basic condition (e.g. legislation, raw material prices, etc.). The electronic component can be reprocessed optimally, from ecological and economical perspectives.

IPC 8 full level

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