

Title (en)

SYSTEM AND APPARATUS FOR OPTIMIZING THE ENERGY CONSUMPTION OF MANUFACTURING EQUIPMENT

Title (de)

SYSTEM UND VORRICHTUNG ZUR OPTIMIERUNG DES ENERGIEVERBRAUCHS VON HERSTELLUNGSAUSRÜSTUNG

Title (fr)

SYSTÈME ET APPAREIL PERMETTANT D'OPTIMISER LA CONSOMMATION D'ÉNERGIE D'UN ÉQUIPEMENT DE FABRICATION

Publication

EP 4244542 A1 20230920 (EN)

Application

EP 21892782 A 20211111

Priority

- US 202063113642 P 20201113
- US 2021058903 W 20211111

Abstract (en)

[origin: WO2022103920A1] An energy management system or plugin thereto includes a graphical user interface that displays visual elements corresponding to at least one manufacturing component and an energy management module instantiated in the graphical user interface. The energy management module is enabled to receive and display energy consumption status information from the manufacturing component and can control and modify the energy consumption of the manufacturing component by instructions sent from the energy management system to the component. The instructions can comprise a throttle instruction, an orchestrate instruction, or a disabled instruction which can be configured as predetermined presets corresponding to a desired energy protocol. The energy management module can also be used to group or sequence the components to distribute energy consumption to avoid exceeding the energy capacity of the manufacturing setting.

IPC 8 full level

F24F 11/00 (2018.01); **G05B 15/02** (2006.01); **G05D 23/00** (2006.01)

CPC (source: EP KR)

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Designated contracting state (EPC)

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Designated extension state (EPC)

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