

Title (en)

INTELLIGENT VIBRATION DIGITAL TWIN SYSTEMS AND METHODS FOR INDUSTRIAL ENVIRONMENTS

Title (de)

INTELLIGENTE DIGITALE VIBRATIONS-DOPPELSYSTEME UND VERFAHREN FÜR INDUSTRIELLE UMGEBUNGEN

Title (fr)

SYSTÈMES DE Jumeaux Numériques à Vibration Intelligente et Procédés pour Environnements Industriels

Publication

EP 4066073 A1 20221005 (EN)

Application

EP 20894311 A 20201125

Priority

- US 201962939769 P 20191125
- US 202063016974 P 20200428
- US 202063054600 P 20200721
- US 202063069548 P 20200824
- US 202063111526 P 20201109
- US 2020062384 W 20201125

Abstract (en)

[origin: CN115039045A] A platform for updating one or more attributes of one or more digital twins, comprising: receiving a request for one or more digital twins; retrieving the one or more digital twins required to meet the request from a digital twinning data store; retrieving one or more dynamic models corresponding to one or more attributes described in the one or more digital twins indicated by the request; selecting a data source from a set of available data sources based on one or more inputs of the one or more dynamic models; acquiring data from the selected data source; determining one or more outputs of the one or more dynamic models using the retrieved data as one or more inputs; and updating the one or more attributes of the one or more digital twins based on the one or more outputs of the one or more dynamic models.

IPC 8 full level

G05B 19/418 (2006.01); **G05B 23/02** (2006.01); **G06T 19/00** (2011.01)

CPC (source: EP)

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Cited by

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