

Title (en)
CARBON EMISSIONS MANAGEMENT SYSTEM

Title (de)
KOHLENSTOFFEMISSIONSVERWALTUNGSSYSTEM

Title (fr)
SYSTÈME DE GESTION DES ÉMISSIONS DE CARBONE

Publication
EP 4334863 A1 20240313 (EN)

Application
EP 22721229 A 20220415

Priority

- US 202163186065 P 20210507
- US 202217690797 A 20220309
- US 2022025094 W 20220415

Abstract (en)
[origin: WO2022235415A1] Methods, systems, and computer storage media for providing carbon emissions data analytics recommendations using a carbon emissions data analytics engine in a carbon emissions management system. The recommendation is associated with simulated carbon emissions optimization results data based on carbon emissions data analytics model of the carbon emissions management system. In operation, using statistical modeling, existing carbon emissions factors of standard activities are retrieved, merged and augmented. Activity data (e.g., activity data of an organization) are automatically mapped to the carbon emissions factors. Input data comprising the activity data mapped to the augmented carbon emissions factors is processed using a carbon emissions data analytics models. Processing the input data can include forecasting, scenario simulation, and scenario optimization. Based on processing the input data, output data associated with a plurality of abatement levers can be generated. The output data can be communicated and caused to be displayed with graphical interface elements.

IPC 8 full level
G06Q 10/00 (2023.01); **G06Q 10/06** (2023.01)

CPC (source: EP)
G06Q 10/00 (2013.01); **G06Q 10/06** (2013.01); **G06Q 10/0631** (2013.01); **G06Q 10/06375** (2013.01); **G06Q 10/067** (2013.01); **Y02P 90/84** (2015.11)

Citation (search report)
See references of WO 2022235415A1

Designated contracting state (EPC)
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Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

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