

Title (en)

APPARATUS AND METHOD FOR AUTONOMOUS AGRICULTURE INVENTORY MANAGEMENT

Title (de)

VORRICHTUNG UND VERFAHREN ZUR AUTONOMEN BESTANDSVERWALTUNG IN DER LANDWIRTSCHAFT

Title (fr)

APPAREIL ET PROCÉDÉ DE GESTION D'INVENTAIRE AGRICOLE AUTONOME

Publication

EP 3887289 A1 20211006 (EN)

Application

EP 19889342 A 20191202

Priority

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Abstract (en)

[origin: WO2020113203A1] Disclosed herein is an apparatus and method of autonomous Controlled Environment Agriculture (CEA) comprising a fully autonomous growing environment. More specifically, disclosed herein is an apparatus and method in which a plurality of frame assembly may be stored and manipulated within a track assembly that is configured within a rack through the motivational input a carriage-mounted manipulators. Each frame assembly is configured to be coupled to an adjacent frame assembly supported by the track assembly by at least one coupler disposed on a forward end and a rearward end of each frame assembly. With the frame assembly including a low friction bearing surface to orient within a track assembly, it may be configured to satisfy various utilities necessary within the farm, such as but not limited to the housing grow media for the cultivation or the housing of electromechanical systems.

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