

Title (en)
SELF-ADJUSTABLE MARKET-GARDENING DEVICE

Title (de)
SELBSTEINSTELLBARE MARKTGARDIERUNGSVORRICHTUNG

Title (fr)
DISPOSITIF DE MARAÎCHAGE AUTO-AJUSTABLE

Publication
EP 4161240 A1 20230412 (FR)

Application
EP 21716187 A 20210331

Priority
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• EP 2021058525 W 20210331

Abstract (en)
[origin: WO2021198384A1] Tractor, intended to run along the ground, and comprising a market-gardening device, the market-gardening device comprising: a chassis (20), the chassis extending on either side of a longitudinal axis (X); an implement bearer (40), to which there are attached a plurality of implements (41), each implement extending, from the implement bearer, between a proximal end (411), connected to the implement bearer, and a distal end (412), intended to come into contact with the ground or be positioned facing the ground; the market-gardening device comprising - a support (30), holding the implement bearer (40), the support extending along a lateral axis (Δ), the support being capable of translational movement with respect to the chassis, along an axis of translational movement extending in a transverse plane (P_{yz}), perpendicular to the longitudinal axis; - the support extending, parallel to the lateral axis (Δ), between a first lateral edge (321) and a second lateral edge (322); - a measurement system (35), configured to determine a reference axis (Δ_{ref}), along which the ground extends, beneath the tractor; - the measurement system being connected to at least one drive (24), designed to move the support, in such a way that, under the action of the drive, the first lateral edge and/or the second lateral edge can be moved away from or moved closer to the ground, so that the lateral axis of the support (Δ) is parallel to the reference axis (Δ_{ref}).

IPC 8 full level
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Citation (search report)
See references of WO 2021198384A1

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DOCDB simple family (application)
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