

Title (en)

CULTIVATING DEVICE AND METHOD FOR GROWING PLANTS

Title (de)

AUFZUCHTVORRICHTUNG UND VERFAHREN ZUM AUFZIEHEN VON PFLANZEN

Title (fr)

DISPOSITIF DE CULTURE ET PROCÉDÉ PERMETTANT DE CULTIVER DES PLANTES

Publication

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Application

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Abstract (en)

[origin: CA3197466A1] The invention relates to a cultivating device with a placing side, a harvesting side, a flexible conveyor belt (1) which conveys plants (20) along a conveyor path (2) running from the placing side to the harvesting side, and a nutrient supply device which supplies a liquid nutrient medium (30) for the plants (20) to a root side (7) of the conveyor belt (1) such that the plants (20) take root on the root side (7) and sprout on an illuminated sprout side (8) of the conveyor belt (1) lying opposite the root side (7). The invention additionally relates to a method for growing plants (20) using such a device. In order to more efficiently illuminate the plants (20), the conveyor belt (1) is curled up into folds on the placing side transversely to the conveyor path (2), said folds being guided from the placing side to the harvesting side and in the process being stretched and leveled along the conveyor path (2).

IPC 8 full level

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