

Title (en)

METHODS FOR SPREADING SEED AS SINGLE GRAINS TOGETHER WITH A SEED CAPSULE, AND SEED CAPSULE

Title (de)

VERFAHREN ZUR EINZELKORNWEISEN AUSBRINGUNG VON SAATGUT ZUSAMMEN MIT EINER SAATKAPSEL UND SAATKAPSEL

Title (fr)

PROCÉDÉ D'ÉPANDAGE DE TYPE MONOGRaine DE SEMENCES CONJOINTEMENT AVEC UNE CAPSULE DE SEMENCES ET CAPSULE DE SEMENCES

Publication

**EP 4081011 A1 20221102 (DE)**

Application

**EP 19835580 A 20191223**

Priority

EP 2019086935 W 20191223

Abstract (en)

[origin: WO2021129924A1] The invention relates to methods for spreading seed as single grains by means of an agricultural seed drill having at least one drill element (200), which drill element (200) comprises a metering device (210) and a single-grain depositing means (220) for depositing the seeds as single grains along and/or in a seed furrow (310) provided in the ground (300), wherein a single grain (320) of the seed is deposited in each case at a spacing (II), which can be selected and/or adjusted as needed, from each of the adjacent single grains (320) of the seed, along and/or in the seed furrow (310). The problem addressed by the present invention is that of providing an improved method for spreading seed as single grains. In particular, the intention is intended to allow the field to be cultivated in a more environmentally friendly and productive manner, without significantly increasing costs, particularly in the seed-grain spreading process and/or subsequent working steps. Each single grain (320) of the seed is assigned a number (x) of seed capsules (100), which number can be selected and/or predefined as required; the seed capsules (100) are placed so as to be adjacent to the assigned single grain (320) along and/or in the seed furrow (310); and active and/or stimulating substances (140) comprised by the seed capsules (100) for supporting the single grain (320) assigned thereto are released.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2021129924A1

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