

Title (en)
SEEDING MACHINE

Title (de)
SÄMASCHINE

Title (fr)
SEMOIR

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EP 3503704 A1 20190703 (DE)

Application
EP 17754657 A 20170807

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Abstract (en)
[origin: WO2018036801A1] The invention relates to a seeding machine (1) for introducing seeds (21) which are stored in a storage container (3) into the ground (11), comprising at least one seed line (10) in which the seeds (21) are guided out of the seeding machine (1) towards the ground (11) in an airflow, said seed line (10) having an inlet end (101) which faces the storage container (3) and an outlet end (102) which faces the ground (11). The seeding machine additionally comprises a first fan (7) which supplies the airflow for guiding the seeds (21) out of the seeding machine (1) towards the ground (11) and a dust separator (16) by means of which air that is suctioned during the seeding process and contains dust particles (20) can be separated into an air component and a dust component. A second fan (14) is provided, wherein the seed line (10) is paired with a suction channel (13) which is connected to the second fan (14) and via which an air/particle mixture exiting the outlet end (102) of the seed line (10) is suctioned and blown into the dust separator (16). A screen device (17) through which the seeds (21) can be discharged out of the suctioned air/particle mixture is arranged between the outlet end (102) of the seed line (10) and the suction channel (13) paired with the seed line (10).

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