

Title (en)
SOWING DEVICE

Title (de)
SÄVORRICHTUNG

Title (fr)
DISPOSITIF D'ENSEMENCEMENT

Publication
EP 1052890 A1 20001122 (DE)

Application
EP 99907456 A 19990129

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- DE 19804293 A 19980204
- DE 19806467 A 19980217
- DE 19855937 A 19981204
- EP 9900589 W 19990129

Abstract (en)
[origin: WO9939563A1] The invention relates to a sowing device, comprising a roller consisting of several roller wheels which are arranged next to each other and independently of each other can be moved towards each other in a vertical direction, as well as seed coulters assigned to the roller wheels. The roller wheels are joined in a pivotable manner by means of holding devices to a supporting beam which is perpendicular to the direction of motion. The seed coulters are arranged behind the roller wheels and mounted on the holding devices of the roller wheels by means of holding arms. The upper strut of the parallelogram-like holding device and the corresponding holding arms of the seed coulters are combined to form a component. Said component is connected to the remaining holding device of the roller wheels by means of a removable connection. The invention also relates to agricultural cultivation and sowing combinations, comprising a support frame which carries at least one storage container and has an undercarriage fitted with running wheels as well as a draw-bar, and at least one coulters frame arranged behind the running wheels and connected to the support frame by means of a coupling device which can be raised and lowered. Seed coulters are joined to the coulters frame which can be displaced in the vertical plane with advancing roller elements. During cultivation of the soil the running wheels can be lifted off the ground by the coupling device or a separate lifting device, and spring elements are positioned between the roller elements and the coulters frame.

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