

Title (en)

DEVICE FOR HUSKING AND SEEDING MAIZE GRAINS.

Title (de)

VORRICHTUNG ZUM SCHÄLEN UND ENTKEIMEN VON MAISKÖRNERN.

Title (fr)

DISPOSITIF PERMETTANT L'EPLUCHAGE ET L'EGRENAJE DES GRAINS DE MAIS.

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Application

EP 88905651 A 19880718

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CH 278387 A 19870722

Abstract (en)

[origin: WO8900454A1] The device has a stator (1) and a rotor (3) which is rotatably mounted in the stator housing (2). The facing sides of the stator and rotor are covered with bosses in the region of the processing chamber (9). Viewed in cross-section, the working elements (8, 13, 21) are arranged in roughly circular fashion on both the stator housing (2) and the rotor (3). The inner surface of the stator housing is subdivided alternately around the periphery into bosses and screening segments (21, 22) provided with sieve apertures. The stator housing (2) is provided with two detachable housing wall sections (14, 15) to permit easy access to the processing chamber (9) in the event of breakdown.

Abstract (de)

Die Vorrichtung weist einen Stator (1) auf, in dessen Statorgehäuse (2) ein Rotor (3) drehbar gelagert ist, die im Bereich des Behandlungsraumes (9) auf ihren einander zugewandten Seiten mit Noppen besetzt sind. Im Querschnitt gesehen sind sowohl an dem Statorgehäuse (2) wie an dem Rotor (3) die Arbeitselemente (8, 13, 21) in grober Näherung in Kreisform angeordnet, wobei die Statorgehäuseinnenseite in Umfangsrichtung abwechselnd in Noppen-bzw. in mit einer Sieblochung versehene Durchfallsegmente (21,22) unterteilt ist. Damit der Behandlungsraum (9) im Störfall leicht zugänglich ist, wird vorgeschlagen, das Statorgehäuse (2) mit wenigstens zwei lösbaren Gehäusewandteilen (14, 15) zu versehen. Abstract The device has a stator (1) and a rotor (3) which is rotatably mounted in the stator housing (2). The facing sides of the stator and rotor are covered with bosses in the region of the processing chamber (9). Viewed in cross-section, the working elements (8, 13, 21) are arranged in roughly circular fashion on both the stator housing (2) and the rotor (3). The inner surface of the stator housing is subdivided alternately around the periphery into bosses and screening segments (21, 22) provided with sieve apertures. The stator housing (2) is provided with two detachable housing wall sections (14, 15) to permit easy access to the processing chamber (9) in the event of breakdown.

Abstract (fr)

Le dispositif comporte un stator (1) et un rotor (3) monté rotatif dans le logement (2) du stator. Les côtés du stator et du rotor se faisant face sont couverts de protubérances dans la région de la chambre (9) de traitement. Vus en section transversale, les éléments (18, 13, 21) de travail sont agencés de manière à peu près circulaire sur à la fois le logement (2) du stator et sur le rotor (3). La surface intérieure du logement du stator est alternativement subdivisée autour de la périphérie en segments (21, 22) de protubérances et de criblage munis d'ouvertures de tamisage. Le logement (2) du stator est doté de deux parties (14, 15) de parois de logement amovibles afin de permettre l'accès facile à la chambre (9) de traitement en cas de problème.

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