

Title (en)

SOIL CULTIVATION ARRANGEMENT FOR PRODUCING A SEED FURROW

Title (de)

BODENBEARBEITUNGSANORDNUNG ZUR ERZEUGUNG EINER SAATGUTFURCHE

Title (fr)

DISPOSITIF DE TRAVAIL DU SOL POUR LA GÉNÉRATION D'UN SILLON À GRAINES

Publication

EP 3996487 A1 20220518 (DE)

Application

EP 19739192 A 20190708

Priority

EP 2019068252 W 20190708

Abstract (en)

[origin: WO2021005055A2] The invention relates to a soil cultivation arrangement (100), particularly a soil preparation arrangement, for agricultural processing of a soil (500), in particular a field and/or farmland, having a carrier device for mounting on an agricultural tractor and having one or more soil cultivation units (200, 201, 202, 203) for preparing and/or producing a seed furrow (530), which soil cultivation units (200, 201, 202, 203) can be connected as required to the carrier device as modular components of the soil cultivation arrangement (100) and are arrangeable along the carrier device in the desired sequence. At least one soil cultivation unit (200) has a skid-shaped sliding device (400), wherein the bottom-side sliding surface (410) thereof, which is facing the soil (500), is designed to slide off along a soil surface (510).

IPC 8 full level

A01C 5/06 (2006.01)

CPC (source: EP US)

A01B 49/022 (2013.01 - US); **A01C 5/062** (2013.01 - US); **A01C 5/064** (2013.01 - EP US)

Citation (search report)

See references of WO 2021004616A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2021005055 A2 20210114; **WO 2021005055 A3 20210304**; EP 3996487 A1 20220518; EP 3996488 A2 20220518; US 2022400602 A1 20221222; US 2023240171 A1 20230803; WO 2021004616 A1 20210114

DOCDB simple family (application)

EP 2020069117 W 20200707; EP 19739192 A 20190708; EP 2019068252 W 20190708; EP 20740494 A 20200707; US 201917625252 A 20190708; US 202017625221 A 20200707