

Title (en)
SOIL CULTIVATION ARRANGEMENT

Title (de)
BODENBEARBEITUNGSANORDNUNG

Title (fr)
ENSEMBLE DE TRAVAIL DU SOL

Publication
EP 3996488 A2 20220518 (DE)

Application
EP 20740494 A 20200707

Priority
• EP 2019068252 W 20190708
• EP 2020069117 W 20200707

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 (examination)
EP 1500319 A1 20050126 - WINTERLEITNER OTTO ING [AT]

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