

Title (en)

AGRICULTURAL DISTRIBUTION MACHINE

Title (de)

LANDWIRTSCHAFTLICHE AUSBRINGMASCHINE

Title (fr)

MACHINE DE DISTRIBUTION AGRICOLE

Publication

EP 4044787 A1 20220824 (DE)

Application

EP 20789864 A 20201001

Priority

- DE 102019128003 A 20191017
- EP 2020077439 W 20201001

Abstract (en)

[origin: CA3153749A1] The invention relates to an agricultural distribution machine for the combined distribution of seeds and granulate material on agricultural land (100), comprising a separation unit (10) having a rotationally driveable separation element (12) for separating seed grains (S), a portioning unit (14) having a rotationally driveable portioning element (16) for generating granulate material portions (D), and a control unit which is designed to coordinate the rotational movements of the separation element (12) and of the portioning element (16) in order to transfer a predefined depositing ratio of the seed grains (S) and the granulate material portions (D) on the agricultural land (100).

IPC 8 full level

A01C 7/04 (2006.01); **A01C 7/06** (2006.01); **A01C 7/10** (2006.01)

CPC (source: EP US)

A01C 7/046 (2013.01 - US); **A01C 7/06** (2013.01 - EP US); **A01C 7/102** (2013.01 - EP US); **A01C 7/18** (2013.01 - EP US);
A01C 21/005 (2013.01 - US); **A01C 7/046** (2013.01 - EP)

Citation (search report)

See references of WO 2021073879A1

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)

DE 102019128003 A1 20210422; CA 3153749 A1 20210422; EP 4044787 A1 20220824; US 11785882 B2 20231017;
US 2022361396 A1 20221117; WO 2021073879 A1 20210422

DOCDB simple family (application)

DE 102019128003 A 20191017; CA 3153749 A 20201001; EP 2020077439 W 20201001; EP 20789864 A 20201001;
US 202017769412 A 20201001