

Title (en)

MATERIAL DISTRIBUTOR DEVICE FOR FARM MACHINES

Title (de)

MATERIALVERTEILERVORRICHTUNG FÜR LANDWIRTSCHAFTLICHE MASCHINEN

Title (fr)

DISPOSITIF DE DISTRIBUTION DE MATÉRIAU POUR MACHINES AGRICOLES

Publication

EP 3634107 A1 20200415 (EN)

Application

EP 18729208 A 20180521

Priority

- IT 201700063111 A 20170608
- IB 2018053563 W 20180521

Abstract (en)

[origin: WO2018224901A1] A material distributor device (100, 100') for a farm machine (10), comprising: a chamber (110) provided with an inlet (105) and an outlet (106) for the material to be distributed, pneumatic means for generating a vacuum inside the chamber (110); a rotating distributor element (120) accommodated in the chamber (110) and adapted to receive the material due to the effect of the vacuum and to transport it from the inlet (105) to the outlet (106) of the chamber (110) where the distributor device (100, 100') comprises an electric motor (100, 200') configured for rotating the rotating distributor element (120) with a rotation speed (ω) that depends on the advancement speed (v) of the farm machine (10) and on the quantity of product to be distributed.

IPC 8 full level

A01C 7/04 (2006.01)

CPC (source: CN EP)

A01C 7/046 (2013.01 - EP); **A01C 7/20** (2013.01 - CN)

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 2018224901 A1 20181213; CN 109005804 A 20181218; EP 3634107 A1 20200415; IT 201700063111 A1 20181208

DOCDB simple family (application)

IB 2018053563 W 20180521; CN 201810155778 A 20180223; EP 18729208 A 20180521; IT 201700063111 A 20170608