

Title (en)

A DISTRIBUTOR FOR DISTRIBUTING AN AIRFLOW MIXED WITH MATERIALS IN AN AGRICULTURAL IMPLEMENT, AN AGRICULTURAL IMPLEMENT COMPRISING SUCH A DISTRIBUTOR AND A METHOD FOR DISTRIBUTING AN AIRFLOW MIXED WITH MATERIALS

Title (de)

VERTEILER ZUR VERTEILUNG EINES MIT MATERIALIEN GEMISCHTEN LUFTSTROMS IN EINEM LANDWIRTSCHAFTLICHEN GERÄT, LANDWIRTSCHAFTLICHES GERÄT MIT EINEM SOLCHEN VERTEILER UND VERFAHREN ZUM VERTEILEN EINES MIT MATERIALIEN GEMISCHTEN LUFTSTROMS

Title (fr)

DISTRIBUTEUR POUR DISTRIBUER UN FLUX D'AIR MÉLANGÉ À DES MATERIAUX DANS UN OUTIL AGRICOLE, OUTIL AGRICOLE COMPRENANT UN TEL DISTRIBUTEUR ET PROCÉDÉ DE DISTRIBUTION D'UN FLUX D'AIR MÉLANGÉ À DES MATERIAUX

Publication

**EP 3641523 A1 20200429 (EN)**

Application

**EP 18749888 A 20180619**

Priority

- SE 1750788 A 20170620
- SE 2018050644 W 20180619

Abstract (en)

[origin: WO2018236275A1] The present document discloses a distributor (26, 26', 26'') for distribution of a material-carrying air stream from a primary duct (25) to a plurality of secondary ducts (27). The distributor comprises a distributor input (2611), which is connectable to the primary duct (25), a distributor base (262, 262a, 262b), which is connected to the distributor input (2611) and which transitions to a riser space (2625), and a distributor head (264) which has an inlet (2642) from the riser space, and a plurality of distributor outlets (2643) which are connectable to the secondary ducts (27). A distributor input (2611) which is connected to a manifold (2622) is arranged for division of the material-carrying air stream into at least two flow manifolds (2623a, 2623b). The flow manifolds (2623a, 2623b; 2623aa, 2623ab; 2623ba, 2623bb) connect to the riser space (2625) so that the flow directions into the riser space differ by at least 5 degrees, preferably at least 10 degrees or at least 30 degrees. The document also discloses an agricultural implement comprising such a distributor and a method for distributing granular or powdered material.

IPC 8 full level

**A01C 7/08** (2006.01)

CPC (source: EP SE)

**A01C 7/082** (2013.01 - SE); **A01C 7/084** (2013.01 - EP SE); **A01C 7/06** (2013.01 - SE); **A01C 15/04** (2013.01 - SE)

Citation (search report)

See references of WO 2018236275A1

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