

Title (en)

METHOD AND ASSEMBLY FOR PRODUCING COATED PRILLS OR GRANULATES, PRILLS OBTAINED THEREWITH, AND USE THEREOF

Title (de)

VERFAHREN UND ANORDNUNG ZUM HERSTELLEN VON BESCHICHTETEN PRILLS ODER GRANULATEN SOWIE DAMIT ERHALTENE PRILLS SOWIE VERWENDUNG

Title (fr)

PROCÉDÉ ET SYSTÈME DE PRODUCTION DE GRANULÉS OU DE GRANULATS REVÊTUS, GRANULÉS AINSI OBTENUS ET UTILISATION DESDITS GRANULÉS

Publication

**EP 3687676 A1 20200805 (DE)**

Application

**EP 18778905 A 20180927**

Priority

- DE 102017217498 A 20170929
- EP 2018076240 W 20180927

Abstract (en)

[origin: WO2019063681A1] The invention relates to a method for producing prills (1), in particular fertilizer prills, which are coated with at least one biodegradable polymer layer (1.3, 1.5), in particular a PLA layer. The at least one biodegradable polymer layer is applied onto a carrier material (1.1) of each prill, and the prill (1) is first coated with at least one first biodegradable layer (1.3) on the carrier material (1.1) in a drum-coating coating step, in particular in a drum coater (13) at a relative negative pressure, and then with at least one second biodegradable layer (1.5) over the first layer in a whirl-coating coating step, in particular in a whirl-coating coater (15) at a relative positive pressure. The invention additionally relates to an assembly for producing coated prills and to prills which are obtained using said assembly.

IPC 8 full level

**B01J 2/00** (2006.01); **B01J 2/12** (2006.01); **B01J 2/16** (2006.01); **C05G 3/00** (2020.01)

CPC (source: EP US)

**B01J 2/006** (2013.01 - EP US); **B01J 2/12** (2013.01 - EP US); **B01J 2/16** (2013.01 - EP US); **C05G 5/37** (2020.02 - EP); **C05G 5/37** (2020.02 - US)

Citation (search report)

See references of WO 2019063681A1

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 2019063681 A1 20190404**; DE 102017217498 A1 20190404; EP 3687676 A1 20200805; US 2020269204 A1 20200827

DOCDB simple family (application)

**EP 2018076240 W 20180927**; DE 102017217498 A 20170929; EP 18778905 A 20180927; US 201816649695 A 20180927