

Title (en)

DISCHARGE UNIT FOR DISCHARGING A FINAL LIQUID HAVING A DEFINED MIXING RATIO

Title (de)

ABGABEEINHEIT ZUR ABGABE EINER ENDFLÜSSIGKEIT MIT EINEM DEFINIERTEN ENDMISCHVERHÄLTNIS

Title (fr)

UNITÉ DE REJET POUR LE REJET D'UN LIQUIDE FINAL AU RATIO DE MÉLANGE FINAL DÉFINI

Publication

**EP 3645170 A1 20200506 (DE)**

Application

**EP 18731056 A 20180611**

Priority

- DE 102017210777 A 20170627
- EP 2018065352 W 20180611

Abstract (en)

[origin: WO2019001939A1] The invention relates to a discharge unit (10") for discharging a final liquid having a defined final mixing ratio, in particular for agricultural purposes, having a first pre-mixing unit (12), which is designed to mix a first liquid with a first carrier liquid, in particular water, to form a first pre-diluted liquid having a first defined pre-mixing ratio, a second pre-mixing unit (14), which is designed to mix a second liquid with a second carrier liquid, in particular water, to form a second pre-diluted liquid having a second defined pre-mixing ratio, and a final mixing unit (20), which is designed to mix the first pre-diluted liquid with the second pre-diluted liquid to form the final liquid to be discharged having a defined final mixing ratio.

IPC 8 full level

**A01M 7/00** (2006.01); **B01F 13/10** (2006.01); **B05B 1/20** (2006.01); **B05B 7/32** (2006.01); **B05B 9/04** (2006.01)

CPC (source: EP US)

**A01M 7/0092** (2013.01 - EP US); **B01F 23/483** (2022.01 - EP); **B01F 23/49** (2022.01 - EP US); **B01F 33/834** (2022.01 - EP); **B05B 1/20** (2013.01 - US); **B05B 7/32** (2013.01 - EP US); **B05B 9/0406** (2013.01 - US); **B01F 23/483** (2022.01 - US); **B01F 23/56** (2022.01 - US); **B01F 33/834** (2022.01 - US); **B01F 2101/00** (2022.01 - US); **B05B 1/20** (2013.01 - EP); **B05B 9/0406** (2013.01 - EP)

Citation (search report)

See references of WO 2019001939A1

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 102017210777 A1 20181227**; BR 112019027224 A2 20200707; CN 110869135 A 20200306; EP 3645170 A1 20200506; RU 2020102145 A 20210727; RU 2020102145 A3 20210806; US 2020281185 A1 20200910; WO 2019001939 A1 20190103

DOCDB simple family (application)

**DE 102017210777 A 20170627**; BR 112019027224 A 20180611; CN 201880043300 A 20180611; EP 18731056 A 20180611; EP 2018065352 W 20180611; RU 2020102145 A 20180611; US 201816626098 A 20180611