

Title (en)

DEVICE FOR COLLECTING AND APPLYING A FLUID PRODUCT

Title (de)

VORRICHTUNG ZUM ENTNEHMEN UND AUFTRAGEN EINES FLÜSSIGPRODUKTS

Title (fr)

DISPOSITIF DE PRELEVEMENT ET D'APPLICATION DE PRODUIT FLUIDE

Publication

EP 3490406 B1 20200513 (FR)

Application

EP 17764862 A 20170724

Priority

- FR 1657154 A 20160726
- FR 2017052037 W 20170724

Abstract (en)

[origin: WO2018020121A1] Device comprising: - a base part (2) mounted on a tank (1) and comprising a dip tube (24) and a bucket (21) in which an injection opening (261) connected to the dip tube (24) is formed, and - a removable member (3) mounted in a removable manner on the base part (2) and comprising a tube (33) and an applicator (35) able to hold a dose of the fluid product through suction generated by the sealed sliding of the tube (33) against a piston, the applicator comprising a collection and application space (35) formed in the tube (33), characterized in that the bucket (21) is equipped with a drain valve (221, 222, 5) that places the interior of the bucket (21) in communication with the tank (1) so as to discharge the fluid product contained in the bucket (21) when the removable member (3) is repositioned on the base part (2).

IPC 8 full level

A45D 34/04 (2006.01); **B01L 3/02** (2006.01); **G01F 11/02** (2006.01)

CPC (source: EP)

A45D 34/04 (2013.01); **B01L 3/0217** (2013.01); **B01L 3/0282** (2013.01); **B01L 2200/0684** (2013.01); **B01L 2400/0694** (2013.01)

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

DOCDB simple family (publication)

WO 2018020121 A1 20180201; BR 112018076596 A2 20190416; BR 112018076596 B1 20230131; CN 109475217 A 20190315; CN 109475217 B 20210824; EP 3490406 A1 20190605; EP 3490406 B1 20200513; ES 2799174 T3 20201215; FR 3054415 A1 20180202; FR 3054415 B1 20180817

DOCDB simple family (application)

FR 2017052037 W 20170724; BR 112018076596 A 20170724; CN 201780045303 A 20170724; EP 17764862 A 20170724; ES 17764862 T 20170724; FR 1657154 A 20160726