

Title (en)

METHOD AND APPARATUS FOR DISPENSING AT LEAST ONE LIQUID MEDIUM BY MEANS OF A SPRAY-NOZZLE UNIT, AND COMPUTER PROGRAM PRODUCT

Title (de)

VERFAHREN UND VORRICHTUNG ZUM AUSBRINGEN WENIGSTENS EINES FLÜSSIGEN MEDIUMS MITTELS EINER SPRITZDÜSENEINHEIT UND COMPUTERPROGRAMMPRODUKT

Title (fr)

PROCÉDÉ ET DISPOSITIF POUR FAIRE SORTIR AU MOINS UNE SUBSTANCE FLUIDE AU MOYEN D'UNE UNITÉ BUSE D'INJECTION ET PRODUIT-PROGRAMME D'ORDINATEUR

Publication

EP 4138555 A1 20230301 (DE)

Application

EP 21737338 A 20210419

Priority

- DE 102020205079 A 20200422
- DE 2021100356 W 20210419

Abstract (en)

[origin: CA3180711A1] The invention relates to a method for dispensing at least one liquid medium (1, 2) by means of a spray-nozzle unit (12), in particular for agricultural purposes, wherein the spray nozzle unit (12) has at least one spray nozzle (16) through which the medium (1, 2) is dispensed, and comprising at least one sensor device (28) by means of which a biomass (BM), in particular weeds, is identified, wherein, when the location of the biomass (BM) is known, the at least one spray nozzle (16) is activated in order to dispense the medium (1, 2) onto the biomass (BM).

IPC 8 full level

A01M 21/04 (2006.01)

CPC (source: EP US)

A01M 21/04 (2013.01 - EP US)

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

DE 102020205079 A1 20211028; BR 112022021332 A2 20221213; CA 3180711 A1 20211028; DE 112021002478 A5 20230323; EP 4138555 A1 20230301; US 2023141803 A1 20230511; WO 2021213588 A1 20211028

DOCDB simple family (application)

DE 102020205079 A 20200422; BR 112022021332 A 20210419; CA 3180711 A 20210419; DE 112021002478 T 20210419; DE 2021100356 W 20210419; EP 21737338 A 20210419; US 202117915328 A 20210419