

Title (en)

WIRELESS VARIABLE PRESSURE SPRAYER AND METHOD

Title (de)

DRAHTLOSER VARIABLER DRUCKZERSTÄUBER UND VERFAHREN

Title (fr)

PULVÉRISATEUR SANS FIL À PRESSION VARIABLE ET PROCÉDÉ

Publication

EP 3907010 A1 20211110 (EN)

Application

EP 21171956 A 20210504

Priority

- US 202063019608 P 20200504
- US 202117245571 A 20210430

Abstract (en)

A wireless variable pressure sprayer that includes a housing in which is mounted a battery, a battery-operated motor, and a motor-operated liquid pump. A tank communicates with the pump for holding a supply of liquid and a user operable spray gun is connected for liquid flow communication from the tank. A wireless transmitter is positioned in the spray gun and is adapted to transmit a wireless signal to a receiver/controller for supplying current from the battery to the motor sufficient to cause the motor operated pump to deliver liquid through the gun and into an applicator wand.

IPC 8 full level

B05B 12/00 (2018.01); **B05B 12/08** (2006.01); **F04B 49/06** (2006.01)

CPC (source: EP)

B05B 12/00 (2013.01); **B05B 12/085** (2013.01); **F04B 17/03** (2013.01); **F04B 17/06** (2013.01); **F04B 23/025** (2013.01); **F04B 49/065** (2013.01); **B05B 12/002** (2013.01); **F04B 2203/0201** (2013.01); **F04B 2205/05** (2013.01); **F04B 2205/09** (2013.01)

Citation (applicant)

US 2019263363 A1 20190829 - MCINTYRE JOSEPH R [US], et al

Citation (search report)

- [X] WO 2019148448 A1 20190808 - TTI MACAO COMMERCIAL OFFSHORE LTD [CN]
- [X] US 2017122304 A1 20170504 - FUNABASHI KAZUHIKO [JP], et al
- [A] US 2015102121 A1 20150416 - DEY JOHN [US], et al
- [A] US 2018071792 A1 20180315 - SPENGLER TIMO [DE], et al
- [A] US 5381962 A 19950117 - TEAGUE JIM C [US]
- [A] US 2008061166 A1 20080313 - JACQUES DANNY R [US], et al

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US2021107038A1; US11577282B2

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)

EP 3907010 A1 20211110; CA 3117155 A1 20211104; MX 2021005201 A 20220401

DOCDB simple family (application)

EP 21171956 A 20210504; CA 3117155 A 20210504; MX 2021005201 A 20210503