

Title (en)

PAINT SPRAYER DISTRIBUTED CONTROL AND OUTPUT VOLUME MONITORING ARCHITECTURES

Title (de)

ARCHITEKTUREN ZUR VERTEILTEN STEUERUNG UND ÜBERWACHUNG DES AUSGABEVOLUMENS EINES FARBSPRÜHERS

Title (fr)

ARCHITECTURES DE COMMANDE ET DE SURVEILLANCE DE VOLUME DE SORTIE DISTRIBUÉES DE PULVÉRISATEUR DE PEINTURE

Publication

EP 4144444 A1 20230308 (EN)

Application

EP 22197869 A 20190923

Priority

- US 201862735524 P 20180924
- US 201862755181 P 20181102
- US 201962789219 P 20190107
- US 201962792107 P 20190114
- EP 19782893 A 20190923
- US 2019052463 W 20190923

Abstract (en)

A sprayer (1) for spraying fluid includes a pump (9), a motor (4) that drives the pump (9), a drive cycle indicator (27A-C), a wireless module (23) configured to send and receive information, and control circuitry (21). The drive cycle indicator (27A-C) outputs an indication of cycle status of the pump (9). The control circuitry (21) is configured to receive the plurality of cycle status indications of the pump (9), determine a plurality of output values representing paint spray fluid output volume over a plurality of time windows based on the plurality of cycle status indications of the pump (9), store the plurality of output values in memory (22), and cause the wireless module (23) to transmit one or more of the stored plurality of output values externally from the sprayer.

IPC 8 full level

B05B 9/08 (2006.01); **B05B 12/00** (2006.01); **B05B 12/08** (2006.01); **B05B 15/14** (2018.01)

CPC (source: CN EP)

B05B 9/085 (2013.01 - CN); **B05B 9/0861** (2013.01 - EP); **B05B 12/00** (2013.01 - CN EP); **B05B 12/004** (2013.01 - EP); **B05B 12/082** (2013.01 - CN); **B05B 12/085** (2013.01 - EP); **B05B 15/14** (2018.01 - CN EP)

Citation (applicant)

- US 201862735524 P 20180924
- US 201862755181 P 20181102
- US 201962789219 P 20190107
- US 201962792107 P 20190114

Citation (search report)

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- [A] WO 2017222666 A1 20171228 - WAGNER SPRAY TECH CORP [US]
- [A] WO 2017151753 A1 20170908 - CARLISLE FLUID TECH INC [US]
- [A] US 2005011967 A1 20050120 - SKELTON-BECKER CYNTHIA [US], et al
- [A] WO 2017155759 A1 20170914 - CARLISLE FLUID TECH INC [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

DOCDB simple family (publication)

WO 2020068685 A1 20200402; AU 2019350695 A1 20210520; CN 113164997 A 20210723; CN 113164997 B 20230818; CN 116943897 A 20231027; EP 3856420 A1 20210804; EP 3856420 B1 20230705; EP 4144443 A1 20230308; EP 4144443 B1 20231220; EP 4144444 A1 20230308; EP 4144444 B1 20230607; EP 4331731 A2 20240306; EP 4331731 A3 20240529

DOCDB simple family (application)

US 2019052463 W 20190923; AU 2019350695 A 20190923; CN 201980076973 A 20190923; CN 202310953174 A 20190923; EP 19782893 A 20190923; EP 22197868 A 20190923; EP 22197869 A 20190923; EP 23208529 A 20190923