

Title (en)

PAINT SPRAYER AND TIP ASSEMBLY FOR PAINT SPRAYER

Title (de)

LACKIERPISTOLE UND SPITZENANORDNUNG FÜR LACKIERPISTOLE

Title (fr)

PULVÉRISATEUR DE PEINTURE ET ENSEMBLE D'EXTRÉMITÉ POUR PULVÉRISATEUR DE PEINTURE

Publication

EP 3653307 A1 20200520 (EN)

Application

EP 19208942 A 20191113

Priority

US 201862767175 P 20181114

Abstract (en)

A paint sprayer and a tip assembly for a paint sprayer. The tip assembly is configured to be coupled to a paint sprayer. The paint sprayer includes a housing having an actuator, a pump positioned within the housing, an outlet valve fluidly coupled to the pump, and a motor configured to drive the pump. The motor is configured to be operatively coupled to the power source. The tip assembly includes a tip housing removably coupleable to the housing of the paint sprayer, and a tip. The tip housing has a first opening that is configured to be in fluid communication with the outlet valve along a spray axis. The tip has a body with a second opening. The tip is movable between a retracted position and an operative position in which the second opening is in communication with the first opening. The tip is configured to be moved from the retracted position to the operative position by engagement of the actuator and the tip is configured to be moved from the operative position to the retracted position by disengagement of the actuator.

IPC 8 full level

B05B 15/72 (2018.01); **B05B 9/04** (2006.01); **B05B 15/52** (2018.01); **B05B 15/70** (2018.01)

CPC (source: EP)

B05B 15/52 (2018.01); **B05B 15/70** (2018.01); **B05B 15/72** (2018.01); **B05B 9/0403** (2013.01)

Citation (search report)

- [A] WO 2015109296 A1 20150723 - GRACO MINNESOTA INC [US]
- [A] US 2004211791 A1 20041028 - PETIT LUDOVIC [FR], et al
- [A] WO 2016058824 A1 20160421 - UNILEVER NV [NL], et al
- [A] EP 0361437 A2 19900404 - MAZDA MOTOR [JP]
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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 3653307 A1 20200520; **EP 3653307 B1 20230719**; **EP 3653307 C0 20230719**; AU 2019101397 A4 20200102; CN 212215932 U 20201225

DOCDB simple family (application)

EP 19208942 A 20191113; AU 2019101397 A 20191114; CN 201921974321 U 20191114