

Title (en)

FLUID RESERVOIR FOR A SPRAY GUN WITH A VENTILATION DEVICE

Title (de)

FLIEßBECHER FÜR EINE SPRITZPISTOLE MIT EINER BELÜFTUNGSEINRICHTUNG

Title (fr)

RÉSERVOIR DE FLUIDE POUR PISTOLET DE PULVÉRISATION À DISPOSITIF DE VENTILATION

Publication

EP 4188613 A1 20230607 (DE)

Application

EP 21752026 A 20210729

Priority

- DE 102020120228 A 20200731
- EP 2021071255 W 20210729

Abstract (en)

[origin: CA3188154A1] The invention relates to a fluid reservoir (11) for a spray gun (1), which fluid reservoir has a material outlet which is configured for the direct and/or indirect connection to a spray gun (1), wherein the fluid reservoir has a ventilation device (16), via which air can flow into the fluid reservoir (11) in order to ensure a pressure compensation when coating material flows out from the fluid reservoir (11) via the material outlet. Advantageously, the ventilation device (16) comprises a device on the outside of the fluid reservoir (11) and separately to a ventilation opening (61) and a latching device, which device cooperates as a centering device, a retaining device and/or a guide device with the closure element (51).

IPC 8 full level

B05B 7/24 (2006.01)

CPC (source: EP US)

B05B 7/2408 (2013.01 - EP US); **B05B 7/2478** (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 102020120228 A1 20220203; CA 3188154 A1 20220203; CN 116056799 A 20230502; EP 4188613 A1 20230607;
US 2023286000 A1 20230914; WO 2022023468 A1 20220203

DOCDB simple family (application)

DE 102020120228 A 20200731; CA 3188154 A 20210729; CN 202180058554 A 20210729; EP 2021071255 W 20210729;
EP 21752026 A 20210729; US 202118017918 A 20210729