

Title (en)

ILLUMINATION DEVICE FOR A SPRAY GUN AND SPRAY GUN HAVING SUCH AN ILLUMINATION DEVICE

Title (de)

BELEUCHTUNGSEINRICHTUNG FÜR EINE SPRÜHPISTOLE SOWIE SPRÜHPISTOLE MIT EINER DERARTIGEN
BELEUCHTUNGSEINRICHTUNG

Title (fr)

DISPOSITIF D'ÉCLAIRAGE POUR PISTOLET PULVÉRISATEUR ET PISTOLET PULVÉRISATEUR POURVU D'UN DISPOSITIF D'ÉCLAIRAGE
DE CE TYPE

Publication

EP 4243992 A1 20230920 (DE)

Application

EP 21811278 A 20211110

Priority

- DE 102020130197 A 20201116
- EP 2021081256 W 20211110

Abstract (en)

[origin: WO2022101272A1] The invention relates to a spray gun (1), in particular a powder spray gun, wherein the spray gun (1) has a handle part (2) and a gun barrel (3) connected to the handle part (2). According to the invention, it is in particular provided that the spray gun (1) further comprises an illumination device (4) for continuously or optionally illuminating and/or lighting at least one region of an object (20) to be coated by the spray gun (1). The illumination device (4) is detachably and in particular exchangeably connected to the spray gun (1) and has a ring-shaped lighting means carrier (5) with at least one lighting means (6), in particular in the form of an LED. The lighting means carrier (5) extends around a downstream region of the gun barrel (3), on which it is radially supported.

IPC 8 full level

B05B 5/00 (2006.01); **B05B 15/00** (2018.01)

CPC (source: EP US)

B05B 5/032 (2013.01 - EP); **B05B 5/0533** (2013.01 - US); **B05B 15/00** (2013.01 - EP); **F21V 33/0084** (2013.01 - EP); **B05B 5/082** (2013.01 - EP); **F21Y 2103/33** (2016.07 - EP); **F21Y 2115/10** (2016.07 - EP)

Citation (search report)

See references of WO 2022101272A1

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)

WO 2022101272 A1 20220519; CN 116472122 A 20230721; DE 102020130197 A1 20220519; EP 4243992 A1 20230920;
US 2024001379 A1 20240104

DOCDB simple family (application)

EP 2021081256 W 20211110; CN 202180076932 A 20211110; DE 102020130197 A 20201116; EP 21811278 A 20211110;
US 202118253026 A 20211110