

Title (en)

DEVICE FOR SPRAYING MEDIA ON THE INNER SIDES OF MEDICAL PRODUCTS

Title (de)

VORRICHTUNG ZUM VERSPRÜHEN VON MEDIEN AN INNENSEITEN MEDIZINISCHER PRODUKTE

Title (fr)

DISPOSITIF POUR PULVÉRISER DES MILIEUX SUR LES CÔTÉS INTÉRIEURS DE PRODUITS MÉDICAUX

Publication

EP 4259339 A1 20231018 (DE)

Application

EP 21836378 A 20211207

Priority

- DE 102020132999 A 20201210
- EP 2021084579 W 20211207

Abstract (en)

[origin: WO2022122727A1] The invention relates to a device (10) for spraying or applying a medium using an auxiliary gas in the form of compressed air or a pressurized inert gas, more particularly to the inner sides of medical products or vessels, said device having a binary nozzle (1) formed from at least two cannulae (2, 3) which are inserted into each other and have a substantially constant diameter over the longitudinal extent thereof, having a nozzle body (4) which is designed as a holder for the binary nozzle (1) and has at least one inlet (11, 12) each for the medium and for compressed air or an inert gas, wherein clamping inserts (5, 6) adapted to receptacles (7, 8) are arranged on the nozzle body (4) to sealingly hold and fix an internal cannula (2) and an external cannula (3), wherein the clamping inserts (5, 6) are provided for securing the cannulae (2, 3) inserted into each other with the formation of a predefined gap (14) between the inner cannula (2) and the outer cannula (3).

IPC 8 full level

B05B 7/06 (2006.01)

CPC (source: EP US)

B05B 7/066 (2013.01 - EP US); **B05B 13/069** (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)

WO 2022122727 A1 20220616; CA 3199405 A1 20220616; DE 102020132999 A1 20220615; EP 4259339 A1 20231018; MX 2023006586 A 20230616; US 2023405618 A1 20231221

DOCDB simple family (application)

EP 2021084579 W 20211207; CA 3199405 A 20211207; DE 102020132999 A 20201210; EP 21836378 A 20211207; MX 2023006586 A 20211207; US 202118038137 A 20211207