

Title (en)

CLEANING DEVICE FOR AN ELECTRODE ASSEMBLY OF AN ATOMIZER, ASSOCIATED OPERATING METHOD AND CORRESPONDING ELECTRODE ASSEMBLY

Title (de)

REINIGUNGSGERÄT FÜR EINE ELEKTRODENANORDNUNG EINES ZERSTÄUBERS, ZUGEHÖRIGES BETRIEBSVERFAHREN UND ENTSPRECHENDE ELEKTRODENANORDNUNG

Title (fr)

DISPOSITIF DE NETTOYAGE POUR UN ENSEMBLE ÉLECTRODE D'UN ATOMISEUR, MÉTHODE DE FONCTIONNEMENT ASSOCIÉE ET ENSEMBLE ÉLECTRODE CORRESPONDANT

Publication

EP 4387773 A1 20240626 (DE)

Application

EP 22758511 A 20220801

Priority

- DE 102021121552 A 20210819
- EP 2022071518 W 20220801

Abstract (en)

[origin: WO2023020820A1] The invention relates to a cleaning device for cleaning an electrode assembly (3) having a plurality of finger-shaped outer electrodes (4) for the electrostatic external charging at an atomizer (1), in particular at a rotary atomizer (1), comprising a first cleaning chamber (7) with an introduction opening for receiving one of the finger-shaped outer electrodes (4) of the electrode assembly (3) during the cleaning process. The invention provides at least one second cleaning chamber (8-10) having an introduction opening for receiving one of the finger-shaped outer electrodes (4) of the electrode assembly (3) during the cleaning process, so that during the cleaning process at least two of the finger-shaped outer electrodes (4) of the electrode assembly (3) can be simultaneously cleaned. The invention further relates to a corresponding operating method for such a cleaning device.

IPC 8 full level

B05B 15/555 (2018.01)

CPC (source: EP)

B05B 15/555 (2018.02); **B05B 5/0407** (2013.01); **B05B 5/0533** (2013.01)

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 102021121552 A1 20230223; CN 117836067 A 20240405; EP 4387773 A1 20240626; MX 2024002048 A 20240301; WO 2023020820 A1 20230223

DOCDB simple family (application)

DE 102021121552 A 20210819; CN 202280056646 A 20220801; EP 2022071518 W 20220801; EP 22758511 A 20220801; MX 2024002048 A 20220801