

Title (en)

ROTARY ELECTROSTATIC SPRAYER FOR COATING PRODUCT, SPRAYING INSTALLATION COMPRISING SUCH A SPRAYER AND METHOD FOR COATING BY MEANS OF SUCH A SPRAYER

Title (de)

ROTIERENDER ELEKTROSTATISCHER PROJEKTOR FÜR BESCHICHTUNGSMATERIAL, SPRÜHANLAGE, DIE EINE SOLCHE SPRÜHVORRICHTUNG UMFASST, UND BESCHICHTungsverfahren MITHILFE DIESER SPRÜHVORRICHTUNG

Title (fr)

PROJCTEUR ÉLECTROSTATIQUE ROTATIF DE PRODUIT DE REVÊTEMENT, INSTALLATION DE PROJECTION COMPRENANT UN TEL PROJCTEUR ET PROCÉDÉ DE REVÊTEMENT AU MOYEN D'UN TEL PROJCTEUR

Publication

EP 3831499 B1 20231115 (FR)

Application

EP 20211138 A 20201202

Priority

FR 1913628 A 20191202

Abstract (en)

[origin: US2021162433A1] An electrostatic rotary sprayer for coating product including a spraying cup, a body and a drive turbine assembled in the body and configured to rotate the spraying cup about an axis of rotation defined by the body. The sprayer also includes electrodes for charging the coating product sprayed by the spraying cup, these electrodes being assembled on a ring attached on the body, and a skirt for discharging air around the cup. An annular slit, supplied by a pressurized air flow circuit with pressurized air, is defined radially between the ring and the skirt, with its outlet oriented toward the front of the sprayer.

IPC 8 full level

B05B 12/18 (2018.01); **B05B 5/04** (2006.01); **B05B 5/053** (2006.01); **B05B 5/08** (2006.01); **B05B 13/02** (2006.01); **B05B 13/04** (2006.01)

CPC (source: CN EP KR US)

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