

Title (en)

ATOMISING BOWL AND ELECTROSTATIC ROTARY SPRAYHEAD UNIT EQUIPPED THEREWITH

Title (de)

SPRÜHGLOCKE UND ROTATIONSZERSTÄUBER MIT EINER SOLCHEN SPRÜHGLOCKE

Title (fr)

BOL DE PULVERISATION ET PROJECTEUR ROTATIF ELECTROSTATIQUE EQUIPE D'UN TEL BOL

Publication

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Application

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Abstract (en)

[origin: FR2776946A1] The invention concerns an atomising bowl (4) for coating product electrostatic rotary sprayhead unit (1), said bowl comprising a bell (7) for distributing the product made from a conductive material and arranged to be brought to high voltage when the sprayhead unit is in operation, so as charge electrostatically said product by contact. The invention is characterised in that said bell is electrically connected to at least one corona discharge element (22, 25, 28) from one tapered end (22a, 25a, 25b, 28a), said tapered end being arranged in the proximity of said bowl outer surface (20a, 9a). The bowl is electrically connected to a generator capable of detecting variations in the glow currents passing through the discharge elements (22, 25, 28) or the bowl tips.

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