

Title (en)  
ELECTROSTATIC SPRAY HEAD

Title (de)  
ELEKTROSTATISCHER PULVERSPRÜHKOPF

Title (fr)  
TÊTE DE PULVÉRISATION ÉLECTROSTATIQUE

Publication  
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Application  
**EP 17825362 A 20171214**

Priority  
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Abstract (en)  
[origin: WO2018176164A1] The invention relates to a powder spraying head (2) for spraying a powder onto a can body (12) to be coated, comprising a working chamber (11) in the interior of the powder spraying head (2), a powder tube (9) for providing the powder, a charging electrode (6) for applying an electrostatic charge to the powder, and a guide electrode (7) for deflecting the electrostatically charged powder substantially in the direction of the working opening (4). The charging electrode (6) is arranged in the region of the powder outlet (9a) and runs in the direction of the powder flowing into the working chamber (11) in a pointed manner (6a). Additionally or alternatively thereto, the guide electrode (7) is plate-shaped, and a flat face (7a) of the guide electrode (7) faces the working chamber (11).

IPC 8 full level  
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