

Title (en)  
ELECTROSTATIC DUST SEPARATOR

Title (de)  
ELEKTROSTATISCHER STAUBABSCHEIDER

Title (fr)  
DEPOUSSIÈREUR ELECTROSTATIQUE

Publication  
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Application  
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Abstract (en)  
[origin: WO0194023A1] The invention relates to an electrostatic dust separator (8) for a horizontal gas flow, comprising a housing (2) which is substantially rotationally symmetrical to a central housing axis (3). Said dust separator also comprises an input connection piece (1) which extends the housing diameter (D) by 80 to 95 % in a single cone-shaped section (10). The remaining extension of 5 to 20 % of the housing diameter (D) is carried out in the form of a step (5) which is substantially perpendicular and radially symmetrical to the housing axis (3). Said dust separator also comprises at least two gas distribution perforated plates (6, 6', 6'') which are placed in the cone-shaped section (10) and which are arranged in such a way that they are substantially perpendicular to the housing axis.

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