

Title (en)

DEVICE FOR ELECTROSTATIC PRECIPITATION OF CHARGED PARTICLES CARRIED IN AN AIR STREAM

Title (de)

VORRICHTUNG ZUR ELEKTROSTATISCHEN ABSCHIEDUNG VON IN EINEM LUFTSTROM MITGEFÜHRTEN GELADENEN TEILCHEN

Title (fr)

DISPOSITIF DE PRECIPITATION ELECTROSTATIQUE DE PARTICULES CHARGEES ET VEHICULEES DANS UN FLUX D AIR

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2006134435A8] The invention concerns a device (6) for collecting by electrostatic precipitation pre-charged particles carried in an air stream (14). Said device (6) comprises at least two electrodes (7, 8, 18) arranged in the air stream, said electrodes (7, 8, 18) being respectively connected to the earth (9) and to a terminal (10) of a polarized source (11). The electrodes (7, 8, 18) each consist of a wall (12) comprising holes (15), said wall (12) being arranged transversely to the air stream (14). Flanges (13) are provided at one of the surfaces of the wall (12) by being oriented parallel to the air stream (14). The wall (12) and the flanges (13) form a single unit.

IPC 8 full level

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