

Title (en)

PRECIPITATION TUBE BUNDLE FOR A WET ELECTROSTATIC PRECIPITATOR, AND MANUFACTURING METHOD

Title (de)

NIEDERSCHLAGSROHRBÜNDEL FÜR EINEN NASSELEKTROFILTER UND HERSTELLUNGSVERFAHREN

Title (fr)

FAISCEAU DE TUBES DE PRÉCIPITATION POUR UN ÉLECTROFILTRE PAR VOIE HUMIDE ET MÉTHODE DE FABRICATION

Publication

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Application

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Abstract (en)

[origin: WO2016146104A1] The invention relates to a precipitation tube (1; 1") and to a precipitation tube bundle (100; 100') for a wet electrostatic precipitator, in particular for separating dusts, gases, and/or aerosols from exhaust gases. The precipitation tube (1; 1") is distinguished in that the precipitation tube is designed as a modular tube system, comprising at least two wall parts (2, 3), which each form a periphery segment (4, 5) of the inner periphery (6) of the precipitation tube (1; 1"), and are connected to each other so as to form at least part of the inner circumference (6) of the precipitation tube (1; 1"), and/or comprising at least two wall parts, which each form a length segment of the precipitation tube and are connected to each other so as to form at least part of the length of the precipitation tube. The precipitation tube bundle (100; 100') is distinguished in that the precipitation tube bundle is designed as a modular tube bundle system and, for this purpose, has a plurality of precipitation tubes (1; 1'; 1"; 50) and a supporting structure (110; 110'; 110") combining the<sb /> precipitation tubes (1; 1'; 1"; 50) as a bundle, on which supporting structure the precipitation tubes (1; 1'; 1"; 50) are detachably held by means of connecting elements (200). The invention further relates to a method for producing a precipitation tube bundle (100; 100').

IPC 8 full level

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Citation (search report)

See references of WO 2016146104A1

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