

Title (en)

METHOD AND DEVICE FOR SELF-CLEANING AND VOLTAGE-DEPENDENT ELECTRO STATIC FILTERING

Title (de)

VERFAHREN UND VORRICHTUNG ZUR SELBSTREINIGUNG UND SPANNUNGSABHÄNGIGEN ELEKTROSTATISCHEN FILTERUNG

Title (fr)

PROCEDE ET DISPOSITIF DE FILTRATION ELECTROSTATIQUE AUTONETTOYANTS ET ASSERVI EN TENSION

Publication

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Application

EP 05847318 A 20051214

Priority

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Abstract (en)

[origin: WO2006064163A1] The invention concerns a system for cleaning electrolytic filtering installations without pressure drop or dismantling of the system. The filtering voltage is maintained at a maximum breakdown-limit value. It consists in equipping each assembly consisting of a tube (4) and a high-voltage electrode (3) with a sound generator (13) arranged at one end to operate it, when the filtering operation is stopped, so as to cause the dust to drop which can then be sucked up by a recovery system consisting of a recovery chamber (14) and an extractor (15). The invention is applicable to all installations involving toxic dust.

IPC 8 full level

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