

Title (en)

Centering of a high voltage electrode by means of magnetic forces

Title (de)

Zentrierung einer Hochspannungselektrode durch magnetische Kräfte

Title (fr)

Centrage d'une électrode sous haute tension par force magnétique

Publication

EP 2551018 B1 20180131 (DE)

Application

EP 12178046 A 20120726

Priority

CH 12532011 A 20110727

Abstract (en)

[origin: EP2551018A2] The system has an elongated discharge electrode (11) e.g. wire electrode, against an inner wall (29) of an exhaust duct (13), where the electrode is arranged electrically insulated in the exhaust duct. A magnetic element (31) is fixed to the discharge electrode, and another magnetic element (33) is fixed to the inner wall of the exhaust duct, where the latter magnetic element surrounds the former magnetic element, where the magnetic elements are arranged in a mutually repulsive manner. Independent claims are also included for the following: (1) a method for operating an electrostatic filter plant (2) a filter set for electrostatic filter plant (3) a method for assembling a filter set.

IPC 8 full level

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CPC (source: EP)

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Cited by

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