

Title (en)
CLEANING DEVICE

Title (de)
REINIGUNGSVORRICHTUNG

Title (fr)
DISPOSITIF DE NETTOYAGE

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Application
EP 12715656 A 20120411

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Abstract (en)
[origin: WO2012140069A1] The invention relates to a cleaning device for removing contaminating particles (4) from a medium flowing along a flow channel in a flow direction (6), comprising an ionisation apparatus (8), which is configured to generate an electric field in the flow channel by means of a pair of electrodes (10, 12) lying opposite each other on different sides of the flow channel, and at least one contamination sensor (16), which is configured to determine a characteristic of the contaminating particles in the medium. Coupled to the contamination sensor (16) and the ionisation means (8) is a control means (20), which is configured to vary an operating mode of the ionisation means (8) depending on the characteristic of the contaminating particles (4) determined by the contamination sensor (16).

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