

Title (en)
FLUID DISPLACEMENT DEVICE

Title (de)
FLÜSSIGKEITSVERDRÄNGUNGSVORRICHTUNG

Title (fr)
DISPOSITIF DE DÉPLACEMENT DE FLUIDE

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Application
EP 13723999 A 20130501

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Abstract (en)
[origin: WO2013165242A1] The invention relates to a fluid displacement device (2) configured for generating a flow within a fluid. The fluid displacement device comprises an airflow duct (4) with an inner surface (4C) configured to accommodate a flow of fluid. A number of corona electrodes (6A) is disposed in the airflow duct wherein each of the corona electrodes comprises an elongated body (6A2) with a distal end (61) and a proximal end (62). The distal end is provided with a tip structure (6A1) configured to generate a corona discharge. A non-corona electrode (6B) is disposed downstream the corona electrodes, the tips (6A1) of the corona electrodes (6A) are positioned at a predefined distance (d) from the non-corona electrode (6B), and the proximal end joins the inner surface of the airflow duct (4) at a distance from the non-corona electrode which is longer than the predefined distance d.

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