

Title (en)
CONCENTRIC ELECTRICAL DISCHARGE AEROSOL CHARGER

Title (de)
KONZENTRISCHER FUNKENEROSIVER AEROSOLLADER

Title (fr)
CHARGEUR D'AÉROSOL CONCENTRIQUE PAR DÉCHARGE ÉLECTRIQUE

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Application
EP 13814978 A 20131223

Priority

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- EP 2013077949 W 20131223

Abstract (en)
[origin: WO2014102258A1] • 14. The invention concerns an aerosol charger having electrical discharge comprising: • - a body (2); • - an ion source (3) comprising two electrodes (31, 32); the charger being characterised in that • - the body (2) and at least a first electrode (32) of the ion source (3) are aligned along a same axis of longitudinal symmetry (AA') of the charger, the body (2) surrounding the first electrode (32) in such a way as to define an area (5) for an aerosol to flow between a space defined between the body (2) and the first electrode (32); and in that • - the first electrode (32) comprises a hole (321) in communication with the area (5) for the aerosol (Ae) to flow, the hole (321) being designed to allow ions formed at the ion source (3) to pass therethrough in order for them to mix with an aerosol (Ae) flowing in the area (5) for the aerosol (Ae) to flow.

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