Title (en)
METHOD FOR E-LIQUID RECOGNITION AND OPERATION CONTROL

Title (de)
VERFAHREN ZUR ERKENNUNG VON E-FLÜSSIGKEIT UND BETRIEBSSTEUERUNG

Title (fr)
PROCÉDÉ DE RECONNAISSANCE DE E-LIQUIDE ET DE COMMANDE DE FONCTIONNEMENT

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Abstract (en)
[origin: WO2022162142A1] The invention relates to a method for controlling operations of an aerosol generating device. The device comprises at least one exchangeable liquid reservoir comprising an aerosolisable liquid, an aerosol generating unit adapted to transform the aerosolisable liquid into aerosol and a liquid channel connecting the exchangeable liquid reservoir with the aerosol generating unit creating thereby a liquid flow path. The method is characterized by measuring a conductivity-related information of the aerosolisable liquid before aerosolization by conductivity measuring unit comprising a conductivity sensor or at least two electrodes positioned in the liquid flow path, comparing the conductivity-related information to a reference information by a control unit of the aerosol generating device creating thereby a result and, operating a micro-electronic-mechanical-system (MEMS) comprised in the aerosol generating unit according to the result, wherein MEMS ejects the aerosolisable liquid. The invention also relates to an aerosol generating device comprising means for measuring and comparing of the conductivity-related information of the aerosolisable liquid.

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