

Title (en)

CALIBRATION BEHAVIORAL BIOMETRICS ON AEROSOL GENERATION DEVICE

Title (de)

KALIBRIERUNGSVERHALTENSBIOMETRIE AUF EINER AEROSOLERZEUGUNGSVORRICHTUNG

Title (fr)

BIOMÉTRIE COMPORTEMENTALE D'ÉTALONNAGE SUR UN DISPOSITIF DE GÉNÉRATION D'AÉROSOL

Publication

EP 4167782 A1 20230426 (EN)

Application

EP 21735196 A 20210616

Priority

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Abstract (en)

[origin: WO2021255094A1] The present invention provides a technical solution by which the identity of an authorised user of an aerosol generation device can be established. This technical solution advantageously ensures that the aerosol generation device can both calibrate and authorise users fully on the device so that security is not compromised whilst also taking the technical limitations inherent to aerosol generation devices into consideration. Behavioural biometrics are used to ensure that any restrictions imposed on the user of the device cannot be easily overcome or worked around. The measured behavioural biometrics may comprise movement of the device, the position of the device, pressure exerted on the device, time of using the device, how the device is held, or the use of one or more switches of the device. Features extracted from the biometric may be aggregated to create data sets that are then combined to form the user profile.

IPC 8 full level

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CPC (source: EP)

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See references of WO 2021255094A1

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