

Title (en)
ELECTRONIC CIGARETTE AND METHOD FOR DETECTING QUALITY GUARANTEE PERIOD OF ELECTRONIC CIGARETTE

Title (de)
ELEKTRONISCHE ZIGARETTE UND VERFAHREN ZUR ERKENNUNG EINES QUALITÄTSGARANTIEZEITRAUMS EINER ELEKTRONISCHEN ZIGARETTE

Title (fr)
CIGARETTE ÉLECTRONIQUE ET PROCÉDÉ PERMETTANT DE DÉTECTER UNE PÉRIODE DE GARANTIE DE LA QUALITÉ DE LA CIGARETTE ÉLECTRONIQUE

Publication
EP 2984946 A4 20161130 (EN)

Application
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Priority
CN 2013073837 W 20130407

Abstract (en)
[origin: EP2984946A1] An electronic cigarette and a method for detecting a quality guarantee period of the electronic cigarette. The electronic cigarette comprises a power supply battery (20), and a microcontroller (10) and an atomizer (30) separately connected to the power supply battery (20). The microcontroller (10) is provided with a first timing module (11), a comparison module (12), and a control module (13). The first timing module (11) is used for timing. The comparison module (12) is used for comparing a timed time of the first timing module (11) with a preset timed time. The control module (13) is used for controlling the power supply battery (20) of the electronic cigarette to stop supplying power to the atomizer (30) when the comparison result of the comparison module (12) is that the timed time is longer or equal to the preset timed time. The preset timed time is equal to duration of a quality guarantee period of the electronic cigarette, and the microcontroller (10) sets and stores the preset timed time. The electronic cigarette and the detection method of the embodiments have the beneficial effects: when the quality guarantee period of the electronic cigarette expires, the electronic cigarette does not work and prompts a user, so as to ensure he taste and the safety of the user when the user uses the electronic cigarette.

IPC 8 full level
A24F 40/53 (2020.01); **A24F 40/60** (2020.01); **A24F 47/00** (2006.01); **G04F 10/00** (2006.01); **G07C 1/00** (2006.01); **A24F 40/10** (2020.01)

CPC (source: EP US)
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Citation (search report)

- [A] GB 2466758 A 20100707 - XIU YUNQIANG [GB]
- [A] CN 101237184 A 20080806 - UNIV SHANGHAI JIAOTONG [CN]
- See references of WO 2014166039A1

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