

Title (en)

A LOCKING SAFETY COVER FOR AN ELECTRONIC CIGARETTE ATOMIZER, AN ELECTRONIC CIGARETTE ATOMIZER WITH A SAFETY COVER AND METHODS FOR USING THE SAME

Title (de)

GEWINDESICHERHEITSDECKEL FÜR EINEN ELEKTRONISCHEN ZIGARETTENZERSTÄUBER, ELEKTRONISCHER ZIGARETTENZERSTÄUBER MIT EINER SICHERHEITSABDECKUNG UND VERFAHREN ZUR VERWENDUNG DAVON

Title (fr)

COUVERCLE DE SÉCURITÉ DE VERROUILLAGE POUR UN ATOMISEUR DE CIGARETTE ÉLECTRONIQUE, ATOMISEUR DE CIGARETTE ÉLECTRONIQUE AVEC CAPOT DE SÉCURITÉ ET PROCÉDÉS D'UTILISATION DE CELUI-CI

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Application

EP 16183110 A 20160805

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Abstract (en)

The present invention is intended to provide a thread-locking device which can prevent a thread from being screwed off by accident in a thread connection situation. Said thread-locking device comprises a circular fixing component (1), a circular rotary component (2), and a circular connecting component (4). Said circular fixing component and circular connecting component are fixedly connected, said circular rotary component is set between the circular fixing component and the circular connecting component, and said circular rotary component can rotate around the axis of the thread-locking device and slide along said axis. A concave and a convex block locking mechanism (21,41) is set on the end faces of the circular rotary component and the circular connecting component so that a joint rotation state and an independent rotation state exist between the circular connecting component and the circular rotary component. The above mentioned device can be used as a safety cover of an electronic cigarette atomizer to prevent a thread from being screwed off by accident in a thread connection situation, so that the liquid leaks out of the upper cover or even the upper cover falls off.

IPC 8 full level

A24F 40/49 (2020.01); **A24F 40/10** (2020.01)

CPC (source: EP US)

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Citation (search report)

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