

Title (en)
An electronic atomization hookah

Title (de)
Elektronische Atomisierung von Hookah

Title (fr)
Narguilé à atomisation électronique

Publication
EP 2422633 A1 20120229 (EN)

Application
EP 10173965 A 20100825

Priority
• EP 10173965 A 20100825
• US 86028110 A 20100820

Abstract (en)
There is provided an electronic atomization hookah comprising a) a shell comprising a shell body, a shell top portion and a shell bottom portion, where the shell body defines a shell internal cavity and comprises a first nozzle defining a first passage inside the cavity and configured to receive a smoking hose, and where the shell top portion comprises a first slot and the shell bottom portion comprises a second slot; b) a liquid supplying container, an atomizer and at least one battery arranged within the shell internal cavity, where the atomizer is in contact with the container for heating a liquid contained therein when activated such that a mist is formed as a function of the heating, and where the container comprises a first opening in communication with the first passage for allowing output of the mist therethrough; c) a hollow tube having a tube bottom extremity and a tube top extremity, where the hollow tube bottom extremity is coupled to the first slot and forms a substantially airtight seal therewith; d) a jar comprising a substantially flat base and a jar top portion configured to be demountably coupled to the second slot ; e) a hookah head having a top portion and a bottom portion, where the head bottom portion is configured to be coupled to the tube top extremity and forms a substantially airtight seal therewith; and f) a main processing unit and a sensor located within the hookah head, where the main processing unit is connected to the sensor, to the at least one battery and to the atomizer, such that, when a user inhales using the smoking hose, a variation of pressure is detected by the sensor and an electrical signal is automatically transmitted by the main processing unit to the atomizer for activation.

IPC 8 full level
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Citation (search report)
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