

EXHIBIT I



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(12) **United States Patent**
Thorens et al.

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(54) **AEROSOL GENERATING SYSTEM WITH PREVENTION OF CONDENSATE LEAKAGE**

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(58) **Field of Classification Search**
CPC A61M 16/108; A61M 16/202; A61M 11/041; A61M 15/06; A61M 16/0808;
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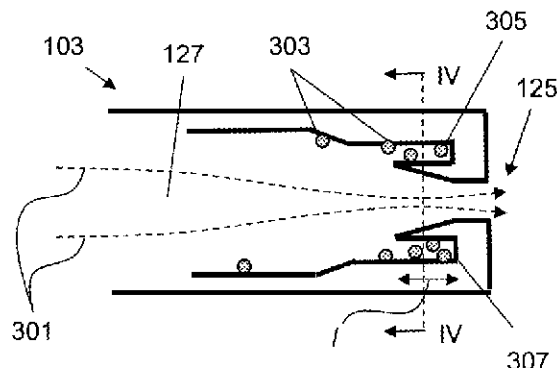
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(57) **ABSTRACT**

There is provided an aerosol generating system for heating a liquid aerosol-forming substrate. The system includes an aerosol-forming chamber, and a leakage preventer for preventing or reducing leakage of liquid aerosol condensate from the aerosol generating system. The leakage preventer may include one or more of: at least one cavity in a wall of the aerosol-forming chamber, for collecting droplets of condensed liquid aerosol-forming substrate; at least one hooked member for collecting droplets of condensed liquid aerosol-forming substrate; an impactor for disrupting air-flow in the aerosol-forming chamber so as to collect liquid droplets; and a closure member for substantially sealing the
(Continued)



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aerosol-forming chamber when the aerosol generating system is not in use.

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A61M 16/08 (2006.01)
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131/360; 128/202.21
See application file for complete search history.

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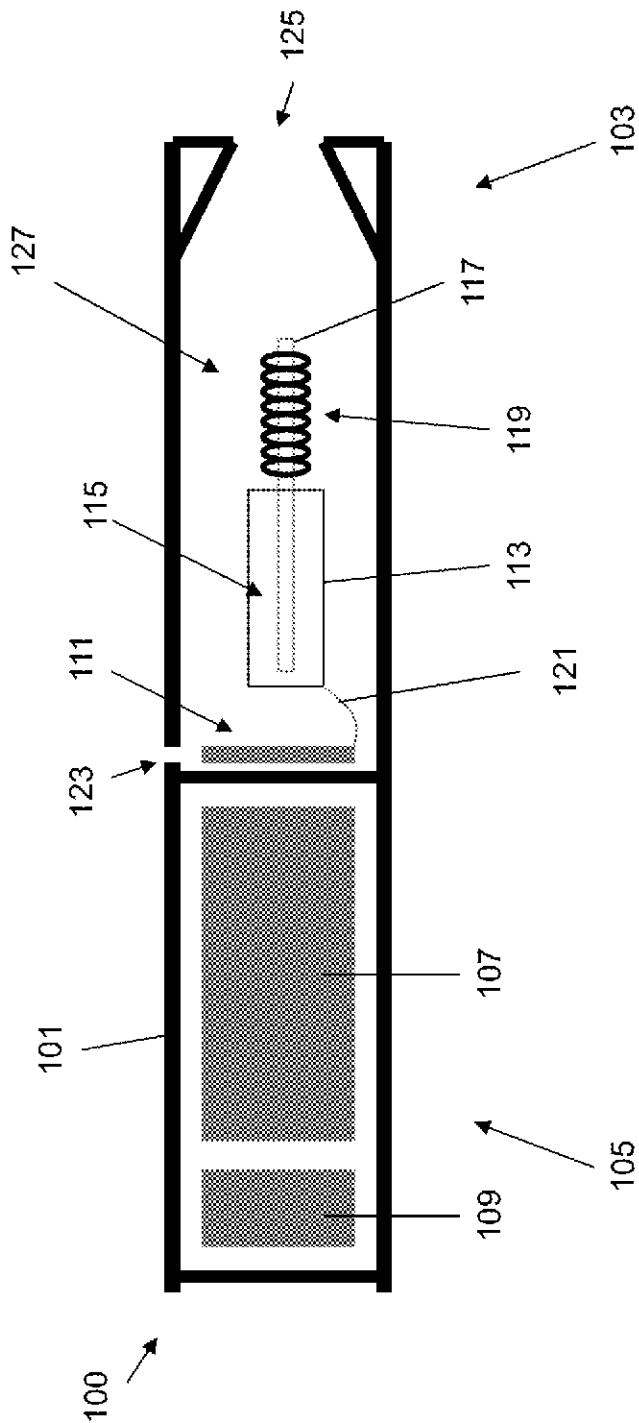
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Figure 1



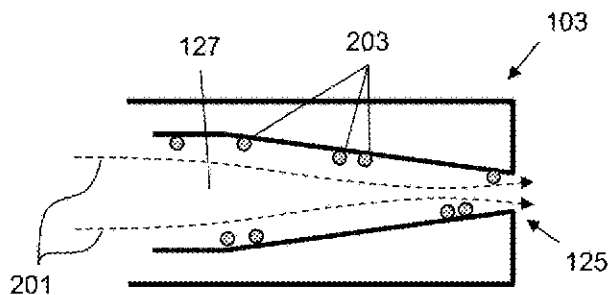


Figure 2

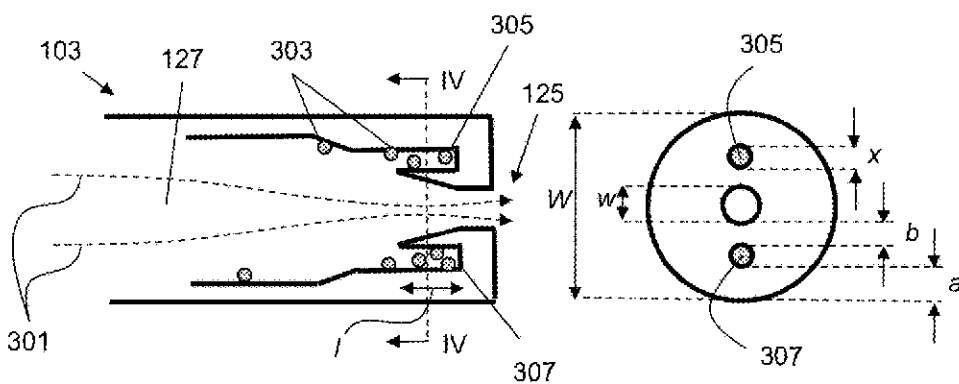


Figure 3

Figure 4

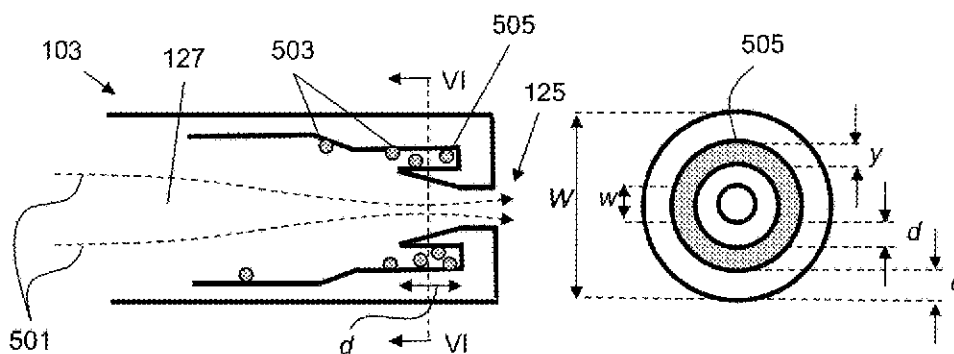


Figure 5

Figure 6

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