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(71) Applicant: PHILIP MORRIS PRODUCTS S.A.
[CH/CH]; Quai Jeanrenaud 3, CH-2000 Neuchâtel (CH).

(72) Inventors: PLOJOUX, Julien; Rue Micheli-du-Crest 22,
CH-1205 Geneva (CH). RUSCIO, Dani; Route de Troub
29, CH-2088 Cressier (CH).

(74) Agent: REDDIE & GROSE LLP; 16 Theobalds Road,
London, Greater London WC1X 8PL (GB).

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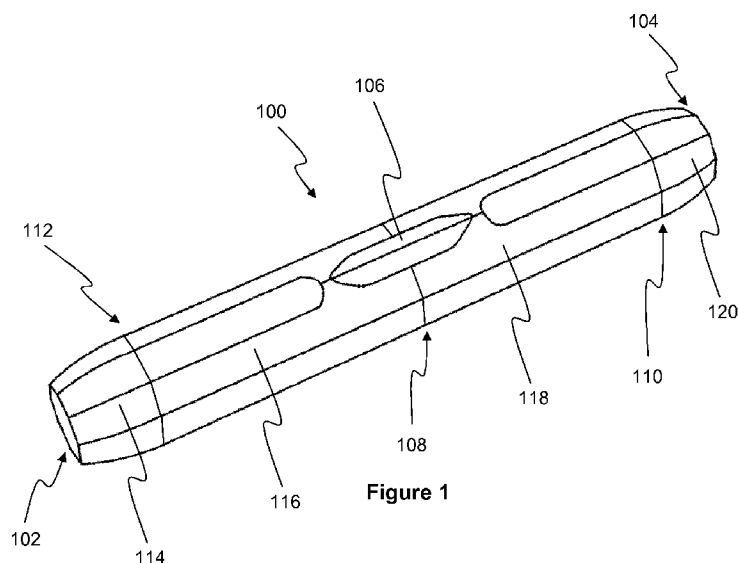


Figure 1

(57) Abstract: There is provided an elongate aerosol-generating device (100) having a polygonal transverse cross-section. The polygon comprises at least 6 sides. The elongate aerosol-generating device may comprise a substrate receiving cavity (302) adapted to receive an aerosol-forming substrate, a heating element (406) adapted to heat an aerosol-forming substrate to generate an aerosol, and a power supply (506) adapted to provide power to the heating element. In addition, there is provided an aerosol-generating system, comprising an elongate aerosol-generating device according to any of the preceding claims, and a charging device (600) comprising a cavity (602) having a polygonal transverse cross-section corresponding to the polygonal transverse cross-section of said aerosol-generating device, the cavity being adapted to receive the elongate aerosol-generating device.