Claims

1. Aerosol-generating article comprising a tobacco element and a mouthpiece element,

the tobacco element comprising an aerosol-forming substrate, a support element arranged downstream of the aerosol-forming substrate and an aerosol-cooling element arranged downstream of the support element;

the mouthpiece element comprising a filter segment and a hollow tube;

wherein the aerosol-cooling element of the tobacco element has a length of at most 15 millimeter.

2. Aerosol-generating article according to claim 1, wherein a length of the mouthpiece element is adapted according to the length of the aerosol-cooling element such that a total length of the aerosol-generating article is kept at a predefined total length.

3. Aerosol-generating article according to claim 1 or 2, with a predefined total length of 45 millimeter.

4. Aerosol-generating article according to any one of the preceding claims, wherein the length of the aerosol-cooling element is between 10 millimeter and 15 millimeter.

5. Aerosol-generating article according to any one of the preceding claims, wherein the length of the hollow tube is between 3 millimeter and 8 millimeter.

6. Aerosol-generating article according to any one of the preceding claims, wherein the hollow tube is arranged downstream of the filter segment.

7. Aerosol-generating article according to any one of the preceding claims, wherein the hollow tube is a cardboard tube.

8. Aerosol-generating article according to any one of the preceding claims, wherein a wall thickness of the hollow tube is between 100 micrometer and 300 micrometer.

9. Aerosol-generating article according to any one of the preceding claims, wherein the length of the mouthpiece element is between 8 millimeter and 25 millimeter.

10. Aerosol-generating article according to any one of the preceding claims, wherein the length of the aerosol-forming substrate is between 5 millimeter and 16 millimeter.

11. Aerosol-generating article according to any one of the preceding claims, wherein the length of the support element is between 5 millimeter and 12 millimeter.

12. Aerosol-generating article according to any one of the preceding claims, wherein the aerosol-cooling element is made of polylactic acid sheet.

13. Method for manufacturing aerosol-generating articles the method comprising the steps of:
- providing a semi-combined tobacco element by combining an aerosol-forming substrate, a support element and an aerosol-cooling element and wrapping the aerosol-forming substrate, the support element and the aerosol-cooling element with a wrapper;
- providing a semi-combined mouthpiece comprising a filter element;
- combining the semi-combined tobacco element and the semi-combined mouthpiece in an end-to-end relationship such that the aerosol-cooling element of the semi-combined tobacco element abuts the filter element of the semi-combined mouthpiece;
- wrapping the semi-combined mouthpiece and parts of the semi-combined tobacco element with a tipping material; and
- selecting a length of the aerosol-cooling element and
- adapting a length of the semi-combined mouthpiece such as to keeping a total length of the aerosol-generating article at a predefined value.

14. Method according to claim 13, wherein the steps of selecting the length of the aerosol-cooling element and adapting the length of the semi-combined mouthpiece comprise reducing the length of the aerosol-cooling element and extending the length of the semi-combined mouthpiece.

15. Method according to any one of claims 13 to 14, wherein the step of providing a semi-combined

mouthpiece comprises combining the filter element and a hollow tube and wrapping the filter element and the hollow tube with a wrapper.

16. Method according to claim 15, therein extending the length of the hollow tube by a same amount as reducing the length of the aerosol-cooling element.

17. Method according to any one of claims 15 to 16, wherein the semi-combined mouthpiece is a double-length mouthpiece with a double-length hollow tube arranged between two filter segments, and
the step of combining the semi-combined tobacco element and the semi-combined mouthpiece in an end-to-end relationship comprises combining two semi-combined tobacco elements and the double-length mouthpiece such that the aerosol-cooling element of each of the semi-combined tobacco elements abuts the filter elements on each longitudinal side of the double-length mouthpiece;
- wrapping the double-length mouthpiece and parts of each of the semi-combined tobacco elements with a tipping material thus forming a double-length aerosol-generating article;
- cutting the double-length aerosol-generating article by cutting the double-length hollow tube.