

CLAIMS

1. An aerosol container (100) comprising
a body (101) divided into a first chamber (10) and a second chamber (20) by a divider
5 (102), in which the first chamber (10) is under atmospheric pressure and configured to
receive a customisable content through an inlet (200) at the body (101) either or both
during and after production of the aerosol container (100), and the second chamber (20)
is under a pressurised environment and prefilled with a pressurised content;
wherein the body (101) includes a mechanism (104) which, when activated, acts on the
10 divider (102) so as to allow mixing of the customisable content and pressurised content
to form a mixture to be dispensed from the body (101) through an outlet (300).
2. The aerosol container (100) according to claim 1, wherein the divider (102) is in a
form of an inner sleeve, whereby space within the inner sleeve is defined as the first
15 chamber (10), and space between the inner sleeve and the body (101) is defined as the
second chamber (20).
3. The aerosol container (100) according to claim 1 or 2, wherein the mechanism (104)
extends from an external portion of the body (101) into an internal portion of the body
20 (101) for forming an aperture at the divider (102) when the mechanism (104) is
activated through exerting a force on the external portion of the body (101) to allow the
mixing of the customisable content and pressurised content.
4. The aerosol container (100) according to any one of claims 1 to 3, wherein the
25 mechanism (104) comprises a stem that has at least one sharp distal end facing the
divider (102) such that when the mechanism (104) is activated, the sharp distal end
comes into contact with the divider (102) and ruptures it.
5. The aerosol container (100) according to any one of claims 1 to 4, wherein the inlet

(200) comprises a valve assembly (210) having a housing (211) that accommodates a gasket (212) and a spring-supported stem (213), and a cap (220) connected to the housing (211) and having a protrusion (221) that projects towards the spring-supported stem (213).

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6. The aerosol container (100) according to claim 5, wherein the cap (220) is formed with an opening (222) for receiving the customisable content.

7. The aerosol container (100) according to claim 5, wherein the gasket (212) fits
10 around the spring-supported stem (213) that blocks the customisable content from entering into or exiting from the first chamber (10) when the valve assembly (210) is in a non-actuated state.

8. The aerosol container (100) according to claim 6, wherein the spring-supported stem
15 (213) is dislocated from being fitted around by the gasket (212) when a force is applied thereon through the protrusion (221) of the cap (220) such that a gap (214) is formed between the gasket (212) and the spring-supported stem (213) for allowing the customisable content entering from the opening (222) of the cap (220) to flow into first chamber (10) when the valve assembly (210) is in an actuated state.

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9. The aerosol container (100) according to any one of the preceding claims, wherein the outlet (300) enables dispensing of the pressurised content or the mixture when the body (101) is held in a particular or any position.

25 10. The aerosol container (100) according to any one of the preceding claims, further comprising a dip tube (105) in the body (101) that comprises one free end disposed within the body (101) and another end connecting to the outlet (300) for dispensing the pressurised content before the mixture is produced, or dispensing the mixture after the mixture is produced.

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11. The aerosol container (100) according to any one of the preceding claims, wherein the inlet (200) and the outlet (300) share a same position on the body (101), and the mechanism (104) is coupled to the inlet (200) and the outlet (300) and disposed in the first chamber (10).

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