

Title (en)
AEROSOL PACKAGE

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Abstract (en)
[origin: US4988017A] This invention is directed to an aerosol container system with two separate chambers, each of which contains a component to be mixed with the other component just prior to use. The container system comprises: (a) a vertical arrangement of (i) a substantially unpressurized upper chamber for receiving a first component and (ii) a lower chamber for receiving a second component together with an amount of propellant sufficient for the expulsion of both components from the container system to said upper chamber being capable of receiving approximately the entire contents of the lower chamber upon activation; (b) a connecting channel between the upper and lower chambers which comprises a mother-daughter valve assembly consisting of a bottom valve of the upper chamber as well as a top valve of the lower chamber, the valve assembly being positioned so that it is activated by mechanical movement of the upper and lower chambers against each other to permit the component and propellant in the lower chamber to be released into the upper chamber; and (c) a dispensing valve of the upper chamber, which is operated independently to dispense a mixture of the two components, as well as an improvement wherein the lower chamber has a nonadhering bag lining with an integral sealing ring.

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Cited by
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