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(54) Title: DEVICE FOR DISPENSING A VOLATILE ACTIVE INGREDIENT

(57) Abstract

A dispensing device for dispensing a volatile active ingredient from an air-transmitting substrate that forms a part of a refill assembly. The dispensing device includes a housing with an intake vent and an exit vent and an air flow path extending between them. Refill assembly support means are provided for removably supporting the refill assembly with its substrate located in the air flow path. Battery-powered fan means are provided for propelling air from the intake vent through the substrate and out the exit vent. A battery holder holds a fan battery in such a manner that a refill assembly not fully inserted within the refill assembly support means blocks the placement of a battery in the battery holder, while a battery correctly held in the battery holder blocks the removal from the air flow path of a refill assembly supported by the refill assembly support means. Thus, successful placement of a battery in the battery hold serves to both verify and maintain the correct placement of the refill assembly in the air flow path. An air-transmitting refill assembly for use with the dispensing device includes an air-transmitting substrate and a tab attached to the margin of the substrate. The tab has a brace surface facing generally away from the substrate and shaped to engage the surface of a battery being held within the battery holder of the dispensing device.

