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(54) **Title**: DEVICES AND METHODS FOR PUNCTURING A CAPSULE TO RELEASE A POWDERED MEDICAMENT THEREFROM

(57) **Abstract**: A device for puncturing a capsule to release a powdered medicament therefrom includes a chamber for receiving the capsule. The capsule includes opposing domes and a cylindrical wall portion defined by a capsule wall radius r. The device further includes a mechanism for puncturing at least one hole in at least one dome. A center of each hole is located within an annular puncture region situated at no less than 0.4r, and a total surface area of all puncture holes is between about 0.5% and about 2.2% of a total surface area of the capsule. The annular puncture region may, for example, be situated between about 0.4r and about 0.8r, or between about 0.4r and about 0.6r.

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