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

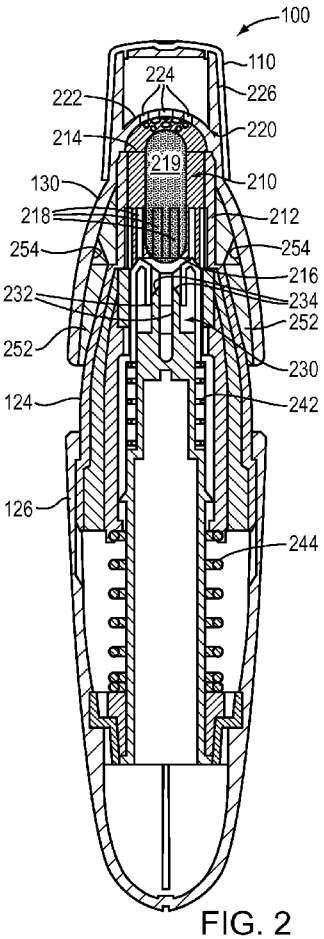


FIG. 2

(57) Abstract: A device (100) for puncturing a capsule (219) to release a powdered medicament therefrom includes a chamber (210) 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 (230) 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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