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(54) Title: MACROENCAPSULATION DEVICES

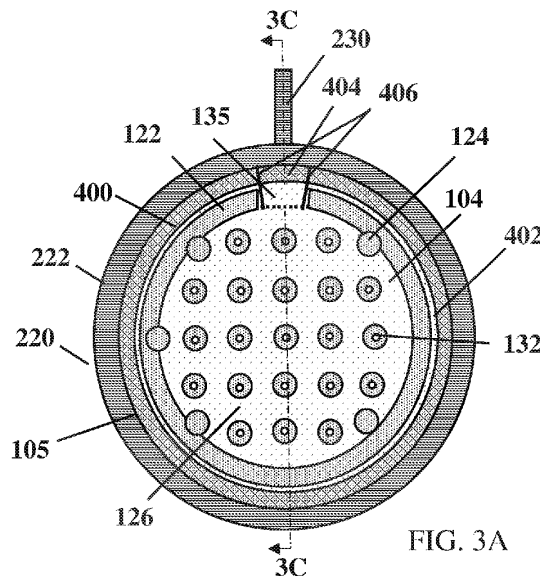


FIG. 3A

(57) Abstract: Macroencapsulation devices and related methods of manufacture are described where bonded membranes of a device may be mounted to an associated frame in an arrangement to provide stress relief between the frame and a seal perimeter of the bonded membranes. The seal perimeter may be arranged radially inward from an outer perimeter of the membranes such that when the membranes are mounted to a corresponding perimeter frame, the seal perimeter is spaced radially inwards from the frame with a unbonded portion of the one or more membranes disposed between the frame and seal perimeter.

[Continued on next page]

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