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(54) Title: AUTOMATED VISUAL INSPECTION OF PREFILLED SYRINGES

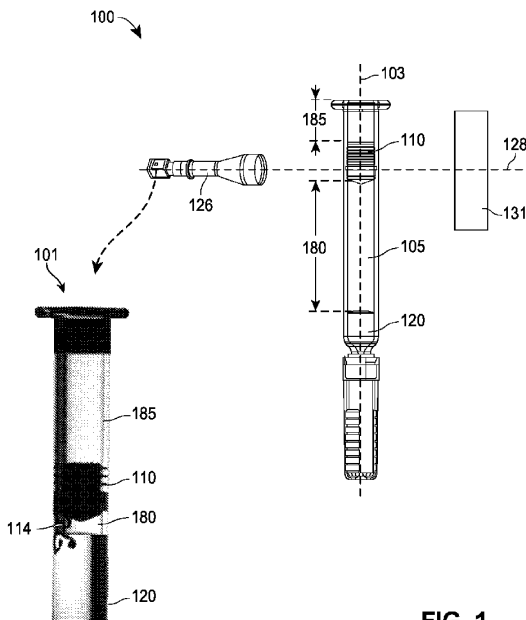


FIG. 1

(57) Abstract: A system for measuring an air gap in a syringe having a plunger and containing a fluid of the present disclosure may include one or more processors configured to control a syringe imaging device to capture a first image of at least a portion of the syringe with the syringe imaging device oriented at a first rotational angle around a central syringe axis of the syringe with respect to a first central imaging axis of the syringe imaging device. The one or more processors may also be configured to control the syringe imaging device to capture a second image of at least a portion of the syringe with the syringe imaging device oriented at a second rotational angle around the central syringe axis with respect to a second central imaging axis. The one or more processors may be further configured to determine an air gap measurement between the plunger and fluid by analyzing at least the first image and the second image.

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