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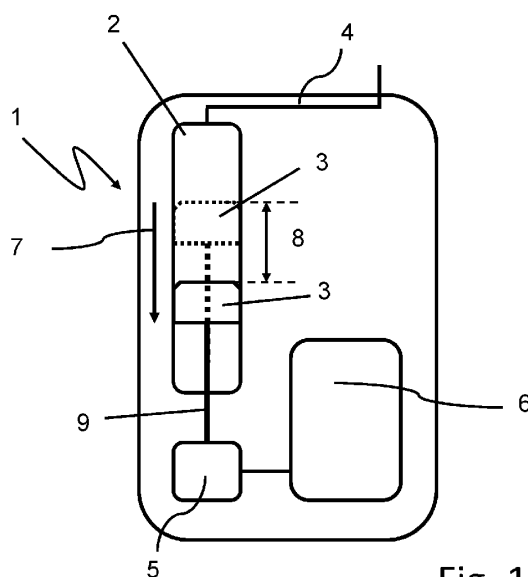


Fig. 1

(57) **Abstract:** The present invention relates to an infusion delivery device comprising a reservoir that is configured for containing a liquid medicament, a dispensing member that is moveably arranged within the reservoir for dispensing liquid medicament out of the reservoir through an outlet of the reservoir, an actuation member that is configured for moving the dispensing member within the reservoir, and a controller that is configured for controlling the movement of the dispensing member within the reservoir by the actuation member, wherein the controller is further configured to determine an occlusion hindering the dispensing of liquid medicament out of the reservoir and that is configured to provide a control signal to the actuation member, upon determining an occlusion, to move the dispensing member in a reverse direction about a displacement distance. In order to prevent an overdosing or underdosing in case of an occlusion, the displacement distance is a model-based displacement distance.

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