SYRINGE DEVICES, COMPONENTS OF SYRINGE DEVICES, AND METHODS OF FORMING COMPONENTS AND SYRINGE DEVICES

ABSTRACT

A syringe device includes a syringe barrel and piston having a fluid passageway extending from a vial port. Another syringe device includes a syringe barrel, a piston sleeve and an insert. A channel extends along a side of the insert. A valve controls fluid communication between the channel and the syringe barrel. Another syringe device has a syringe barrel, a piston sleeve and an insert. A valve controls fluid communication between a compartment within the insert and the syringe barrel. A method of preparing a medication includes providing a component within a syringe barrel and another component within a compartment of a piston insert. A seal is over-molded onto a tip of the insert and an end of a piston sleeve. The sleeve is rotated relative to the insert to establish fluid communication between the compartment and the barrel chamber.

FIGURE 10