

ABSTRACT

PLATEN PUMP

Disclosed is an infusion pump and a fluid container for expelling a fluid from the fluid container to a patient. The pump comprises a housing (12, 16) having a chamber (17) therein for receiving the fluid reservoir (18). A first wall (38) is provided on the housing for contacting the fluid reservoir, and a second wall (24) is movable from a first position distanced from the first wall to form the chamber (17) therebetween, and a second position relatively closer to the first wall (38). Advancing the movable wall from the first position to the second position expels fluid from the collapsible reservoir. Preferably, the first and second walls (24, 38) are provided with non-planar complementary surface configurations for contacting the collapsible reservoir (18). Retraction mechanisms for retracting the movable wall from the second position to the first position, and user readable indicium of the status of the dispensation cycle are also disclosed.

Figure 2.