

ABSTRACT

PLUNGER FOR DISPENSER, DISPENSER, AND METHOD FOR DISPENSING LIQUID MATERIAL

The present invention is a plunger (20) for dispensers, the plunger being equipped with: a large diameter trunk section (23) on which contacting surfaces (24, 25) that contact the inner wall surface of a syringe are provided in ring form; a rear opening (26) provided on the back section of the large diameter trunk section (23); and a small diameter trunk section (22) provided with a front opening (28). The front opening (28) is configured to a size that allows direct pressurization of the liquid material by pressurized air and allows movement of at least the plunger (20) so as to track the fall in water head position associated with discharge and consumption of the liquid material. Said configuration prevents adhesion of the liquid material to the inner wall surface of the syringe and can prevent backward flow of the liquid material into the syringe.

[Fig. 1]