

DEVICE FOR THE METERED DELIVERY OF A VISCOUS LIQUID

Abstract

A first device for the metered delivery of a viscous liquid has an intake channel (20) via which the liquid is supplied and a delivery channel (21) via which the liquid is delivered and a valve (17) operable in two positions. The end areas (5, 6) of one single channel (4) are alternately connectable to the intake channel
5 (20) or the delivery channel (21) by means of the valve (17). For the metered delivery of the liquid, a slide (2) is movable back and forth in the channel (4) between two positions (E, F).

A second device for the metered delivery of a viscous liquid has a body (30) with a continuous drill hole (31) in which two pistons (38, 39) are moved back and forth, whereby the distance between the faces is varied. In this way, the pistons transport a specific volume of liquid from a first chamber (42) to a
10 second chamber (43).

Both devices are suitable for mounting onto the writing head (26; 53) of an apparatus for the application of adhesive to a substrate.

(Fig. 3)