

This Sheet Has Been Replaced



Abstract

In order to provide better evacuation of a device of a die bonder for metering and applying a pre-determined quantity of a viscous adhesive medium, the device having a dispensing
5 nozzle which is provided with a feed channel surrounded by a wall surface, through which feed channel the adhesive medium can be conveyed to a nozzle plate in which there is at least one outlet aperture, wherein the feed channel discharges into the at least one outlet aperture, and in the discharging area a cross-sectional area of the channel is larger than a cross-sectional area of the at least one outlet aperture, it is proposed to provide positive
10 guiding in the feed channel (7) by means of which, during filling of the dispensing nozzle (2) a front (12) of the adhesive medium maintains a pre-determined direction of flow, so that the adhesive medium conveys substantially all of the gas located in the feed channel (7) towards at least one outlet aperture (10; 10a).

15 (Fig. 4)