

Abstract

The mounting of a component subjected to pressure from a fluid requires special precautions if the component is made of wear resistant, hard and hence generally brittle material and may be destroyed by locally raised stresses.

A fluidic component of this kind, (e.g. made of silicon/glass) is arranged in an elastomeric shaped component, e.g. made of silicon rubber, the contours of which correspond to the outer contours of the component and to the inner contours of a holder.

Because of the "floating mounting" there are no unacceptable local pressure peaks and no deformation of the fluidic component. The device is particularly suitable for mounting a fluidic component made of glass or silicon, of miniature dimensions, subject to high pressure.

[Figure 4a]

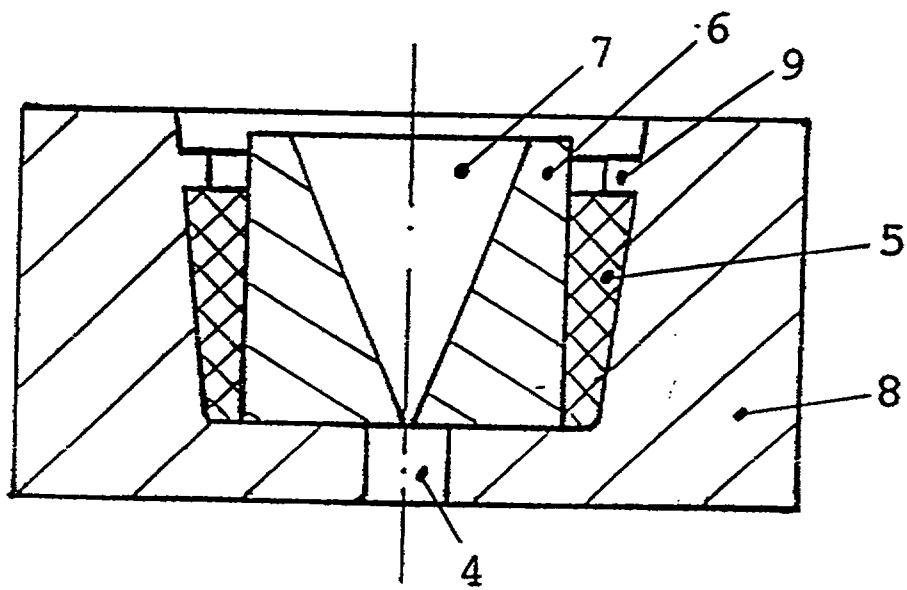


Fig.4a