

ABSTRACT**METHOD OF FABRICATING A DEVICE COMPRISING A MEMBRANE
OVERHANGING A CAVITY**

The invention relates to a process of fabricating a device including a membrane overhanging a useful cavity, the process comprising:

- providing a generic structure including a superficial layer extending in a main plane and arranged on a first side of a carrier substrate, said carrier substrate including elementary cavities opening under the superficial layer and partitions delimiting each elementary cavity, said partitions having upper surfaces which form all or some of the first side of the carrier substrate;
- defining a group of adjacent elementary cavities, such that a contour of said group of elementary cavities corresponds, in the main plane, to a contour of the useful cavity;

removing the partitions located inside the contour of the group of elementary cavities, in order to form the useful cavity, and in order to free up the superficial layer arranged above said useful cavity and making up the membrane.

Fig. 5D