ACTUATION SYSTEM FOR A BODILY FLUID EXTRACTION DEVICE AND ASSOCIATED METHODS

ABSTRACT OF THE DISCLOSURE

An actuation system for a bodily fluid extraction device includes a detector cap, at least one vibration sensor connected to the detector cap, and at least one signal processing unit in communication with the vibration sensor. In addition, the signal processing unit is configured to receive an output signal from the vibration sensor, analyse the received output signal, and to send an actuation signal to the bodily fluid extraction device based on the analysis of the received output signal.

Figure 3