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FOR OPERATING A MIXING DEVICE FOR A BIOLOGICAL LIQUID

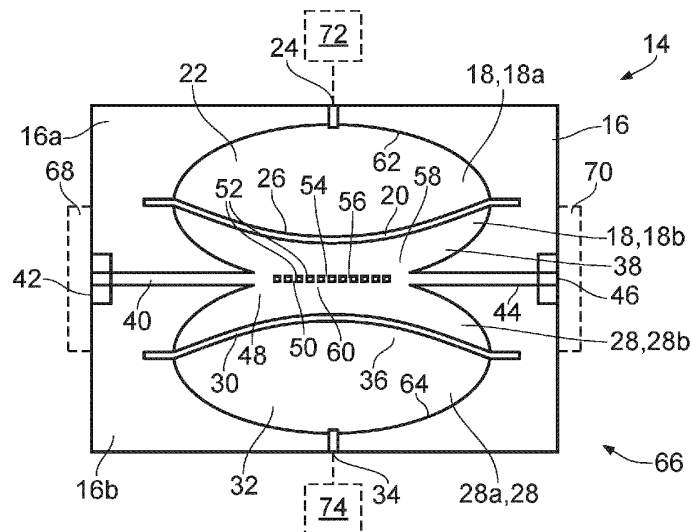


FIG. 2

(57) Abstract: A mixing device (14) for a biological liquid is described. The mixing device (14) comprises a mixing chamber (38) delimited by a first flexible wall segment (20) and by a second flexible wall segment (30), wherein the first flexible wall segment (20) and the second flexible wall segment (30) are arranged on different sides of the mixing chamber (38). The first flexible wall segment (20) comprises a first actuator interface (26) configured to couple a first actuator to the first flexible wall segment (20) such that the first flexible wall segment (20) is displaceable by operating the first actuator. The second flexible wall segment (30) comprises a second actuator interface (36) configured to couple a second actuator to the second flexible wall segment (30) such that the second flexible wall segment (30) is displaceable by operating the second actuator. Additionally, a mixing system for a biological liquid is shown. The mixing system comprises such a mixing device (14), wherein a first actuator is coupled to the first actuator interface (26) and a

[Continued on next page]

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second actuator is coupled to the second actuator interface (36). Moreover, a method for operating a mixing device (14) for a biological liquid is presented.