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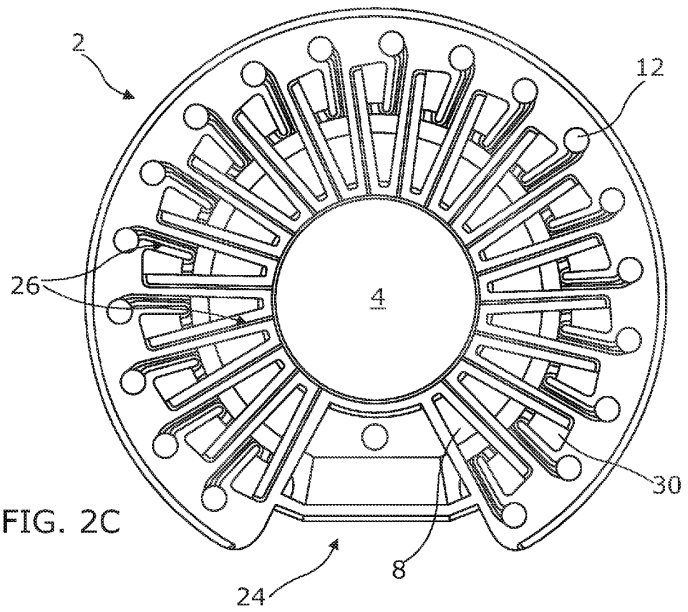


FIG. 2C

(57) Abstract: A fluidic device (1) configured to drive movement of fluid under centrifugal force comprises a central region about a central rotational axis (X) of the device and a peripheral region extending radially outwards from the central region. A fluid reservoir (4) provided in the central region of the device receives a fluid sample and communicates with at least one fluidic system (6), which extends radially outwards from the fluid reservoir (4) into the peripheral region of the device. Each fluidic system (6) comprises a fluid analysis chamber (12) configured to retain a portion of a fluid sample for analysis. A fluidic channel arrangement (26) is configured to enable fluid communication between the fluid reservoir (4) and the fluid analysis chamber (12), and movement of the fluid sample through the fluidic channel arrangement is driven by the centrifugal force created by rotational motion of the device about the central rotational axis (X). A valve mechanism (8) is arranged between the fluid reservoir (4) and the analysis chamber (12) and is configured to prevent fluid

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flow through that portion of the fluidic channel arrangement (26) when the speed of rotation of the device is less than a predetermined value. A cut-out portion of the device (24) may help to correctly locate the fluidic device (1) within an assay apparatus. An apparatus for driving rotational motion of the fluidic device and a method for moving a fluid sample within the fluidic device are also described.