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(54) Title: A DETECTION DEVICE FOR A CLEANING SYSYTEM

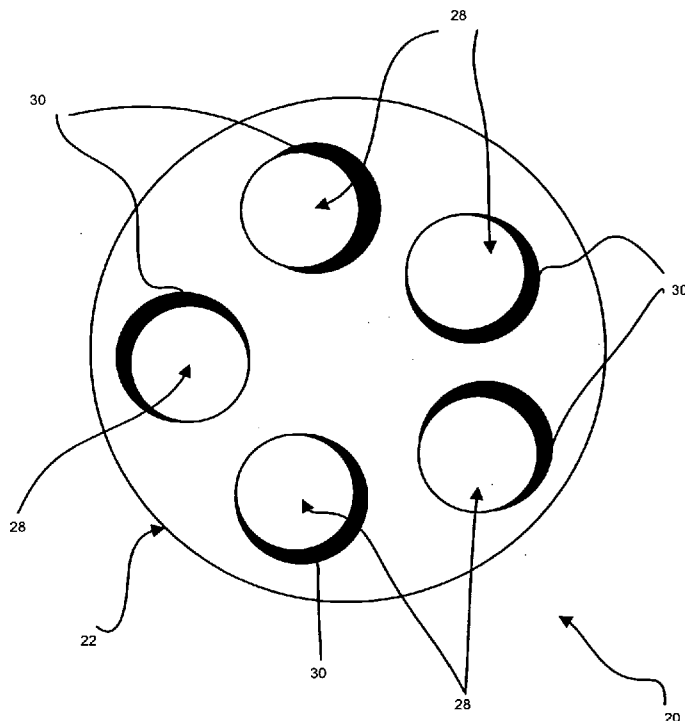


FIG. 2A

(57) Abstract: The present disclosure describes embodiments of a detection device for a cleaning system used in heat exchange systems which comprise a plurality of tubes. The detection device comprises a mounting plate defining a plurality of perforations and a plurality of sensors. Each sensor is being coupled to at least one perforation. In many embodiments of this disclosure, each of the plurality of tubes is operable with a corresponding one of the sensors and during a cleaning process where cleaning balls passage through the plurality of tubes, the cleaning balls are detected by a corresponding one of the sensors.



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