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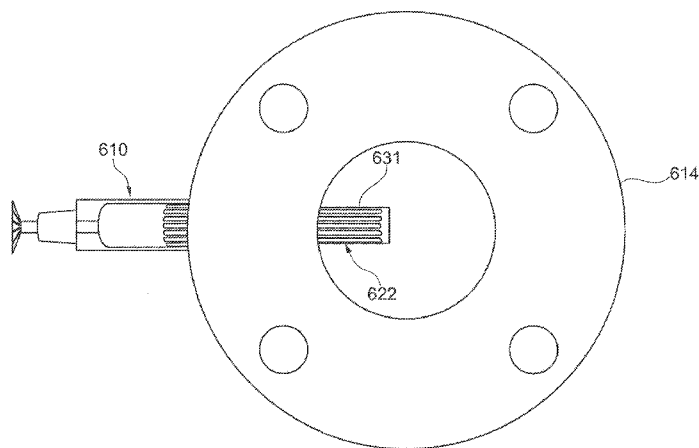


Fig. 17

(57) Abstract: A nozzle system comprising a nozzle apparatus (610) and a pipeline (614), the nozzle apparatus attached to the pipeline such that there is fluid communication therebetween, the nozzle apparatus having a first inlet (631), a second inlet (622) and an outlet, wherein the nozzle apparatus extends into the pipeline such that at least a portion of the first inlet (631) is in the centre of the pipeline, that is within 15% of the central axis of the pipeline; and the second inlet (622) is within the pipeline but outwith the centre of the pipeline, the second inlet comprising a filter with at least one, normally at least four, linear apertures (625) therein, often parallel to a main axis of the nozzle apparatus (610). Preferably the first inlet is a larger aperture than the second inlet, and is provided on an end of the nozzle apparatus and the second inlet is provided on a side of the nozzle apparatus. An advantage of certain embodiments of the invention is that where debris builds upon an inside face of the pipeline (concentric corrosion), fluid can still flow through the inlet provided in the centre of the pipeline, and so nozzle apparatus as described herein are less liable to blockages.