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(54) Title: CONTROLLED PURGE RECOVERY USING TISSUE PLASMINOGEN ACTIVATOR (TPA)

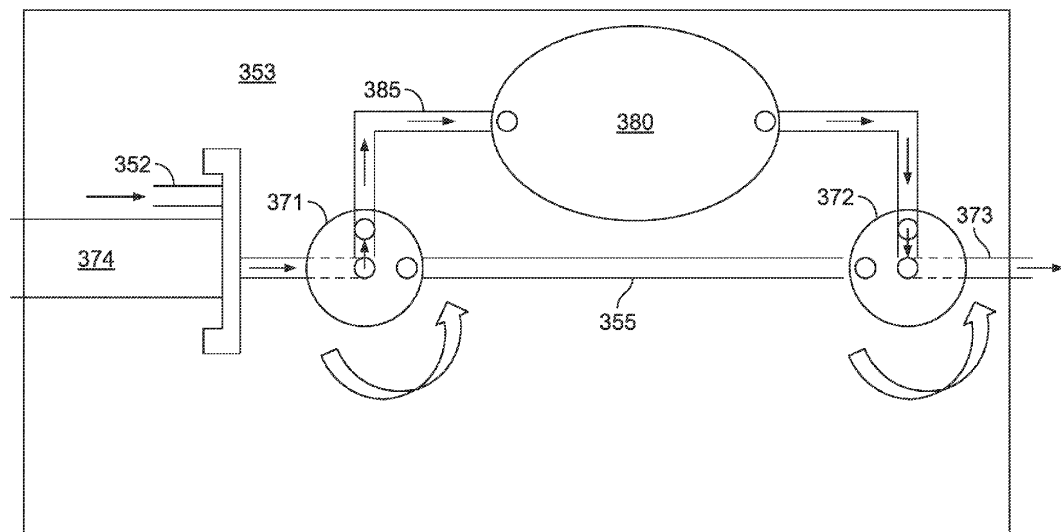


FIG. 7

(57) Abstract: A method for controlled purging of a blood pump and a blood pump assembly for implementing the method are provided. The blood pump is in fluid communication with a purging device. The purging device comprises a purge reservoir and a supplemental reservoir configured to be fluidically connected to the blood pump. The purge reservoir is configured to receive a purge fluid and the supplemental reservoir configured to receive a supplemental purge fluid. At least a portion of the blood pump is inserted into a patient and operated. A flow of the purge fluid is provided from the purge reservoir to the blood pump. A purge flow parameter at the blood pump is measured using a measuring device and when it is determined by a controller that the purge flow parameter meets a predetermined threshold, a remediation protocol is identified.

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