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(54) Title: A FILTER DEVICE FOR DIALYSIS APPLICATIONS

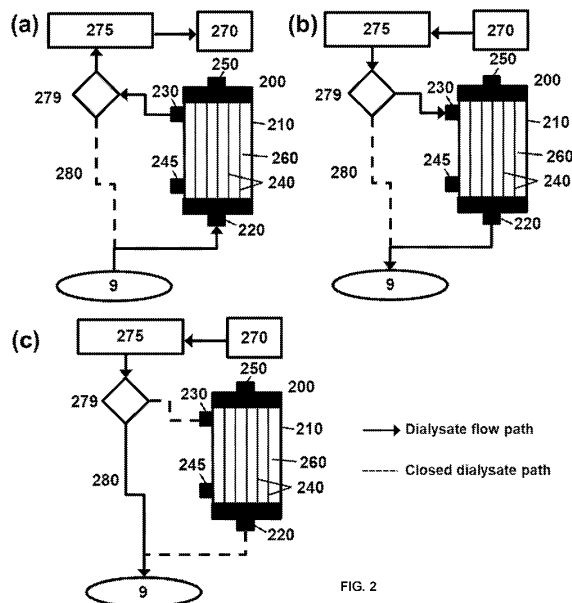


FIG. 2

(57) Abstract: The current invention relates to a peritoneal dialysis filter device, which comprises a housing comprising a first port and a second port, and a hollow fibre membrane formed from hollow hydrophilic fibres within the housing. When in use, a dialysate from a subject enters the filter device through the first port and exits via the second port in an outflow direction, and a regenerated dialysate from a sorbent system enters the filter device through the second port and exits via the first port in an inflow direction. Also disclosed herein is a peritoneal dialysis system comprising said filter device, a method for controlling dialysate flow in a peritoneal dialysis system, and a haemodialysis device.

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