

Fig. 1

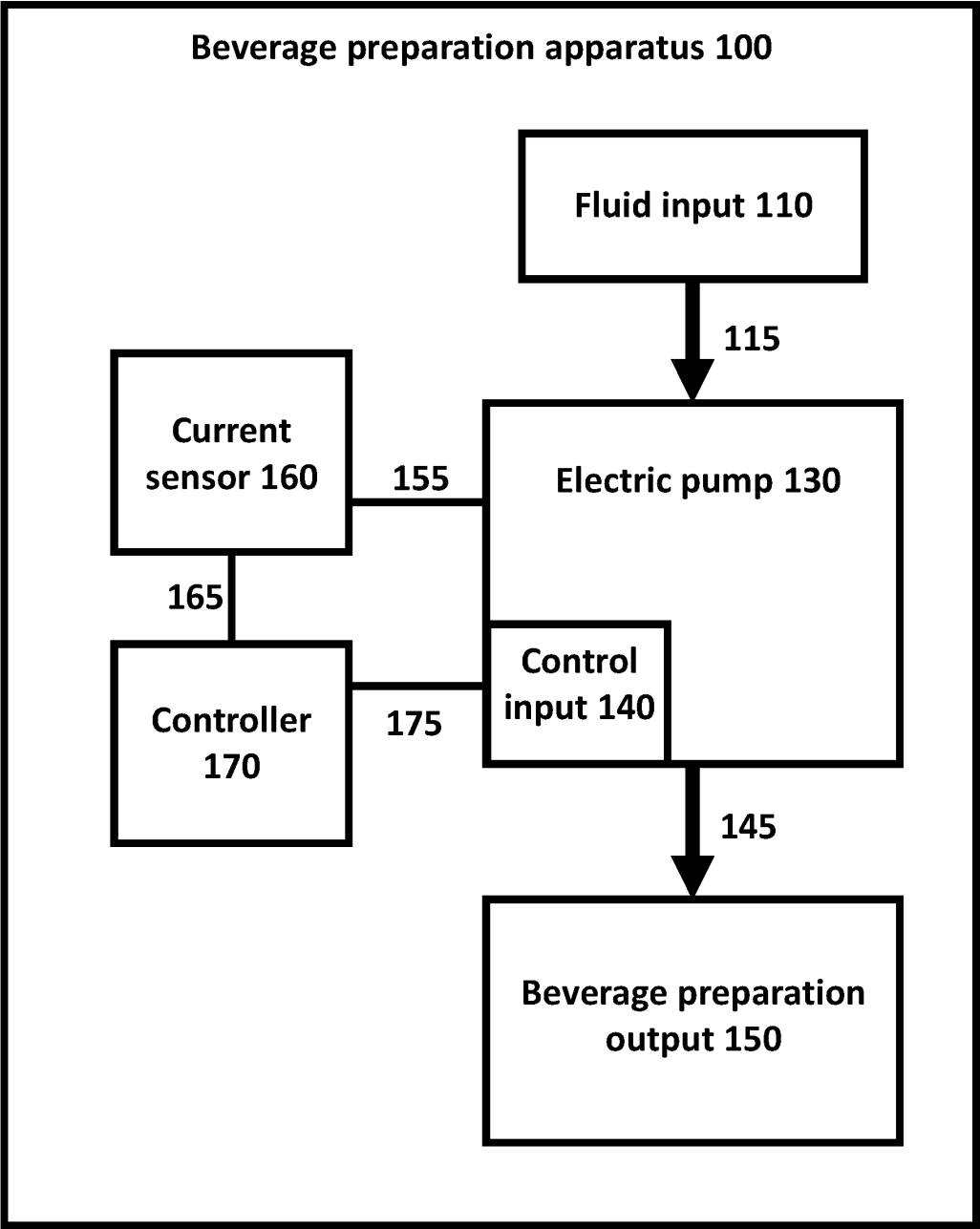


Fig. 2

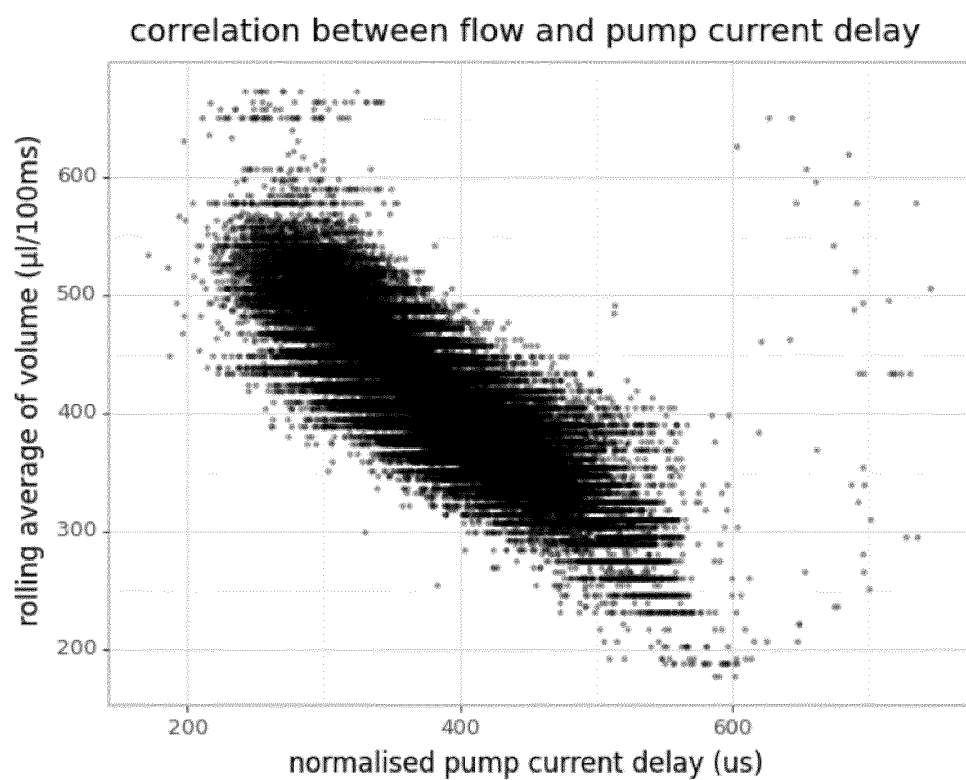
200


Fig. 3

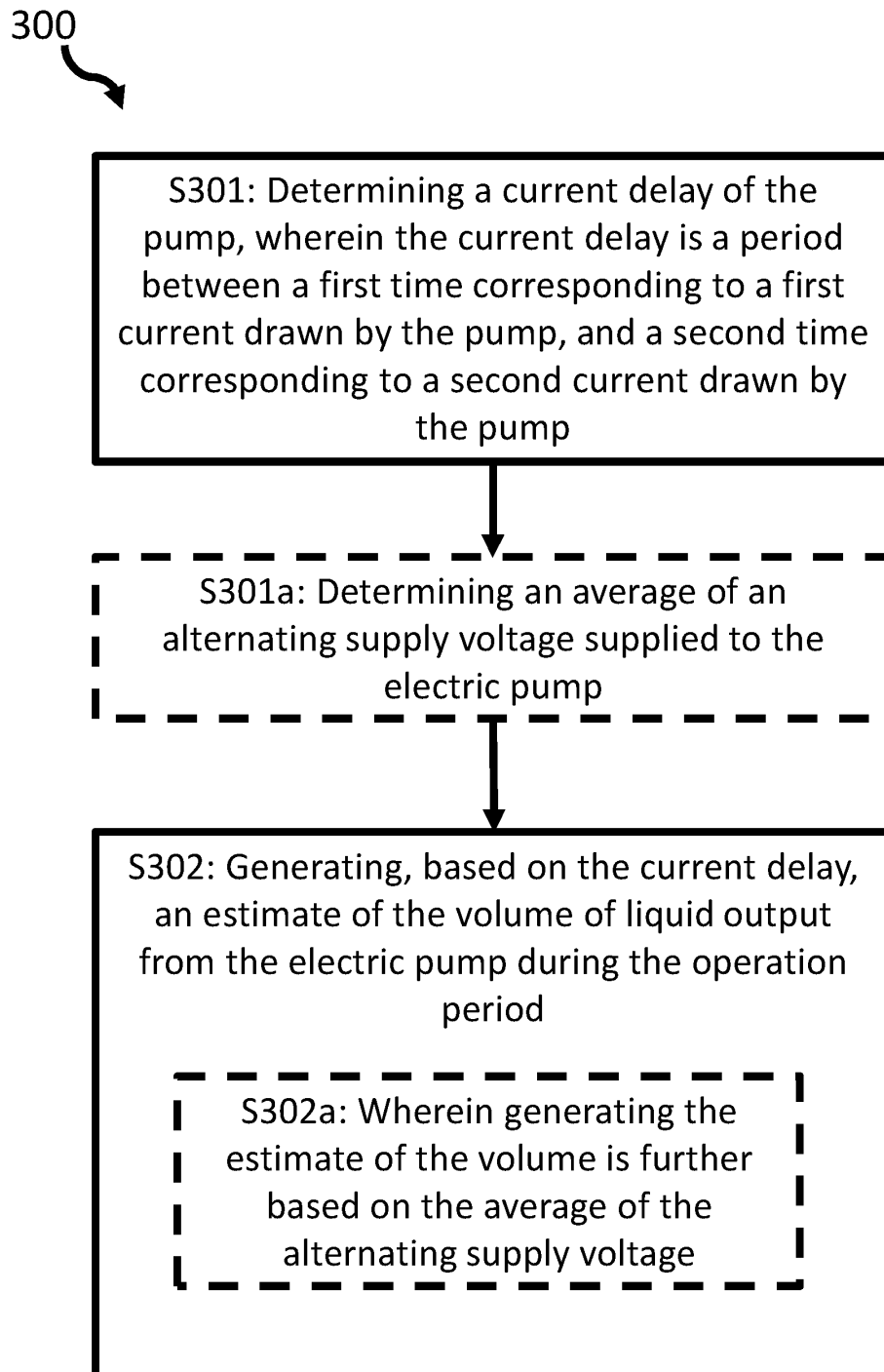


Fig. 4

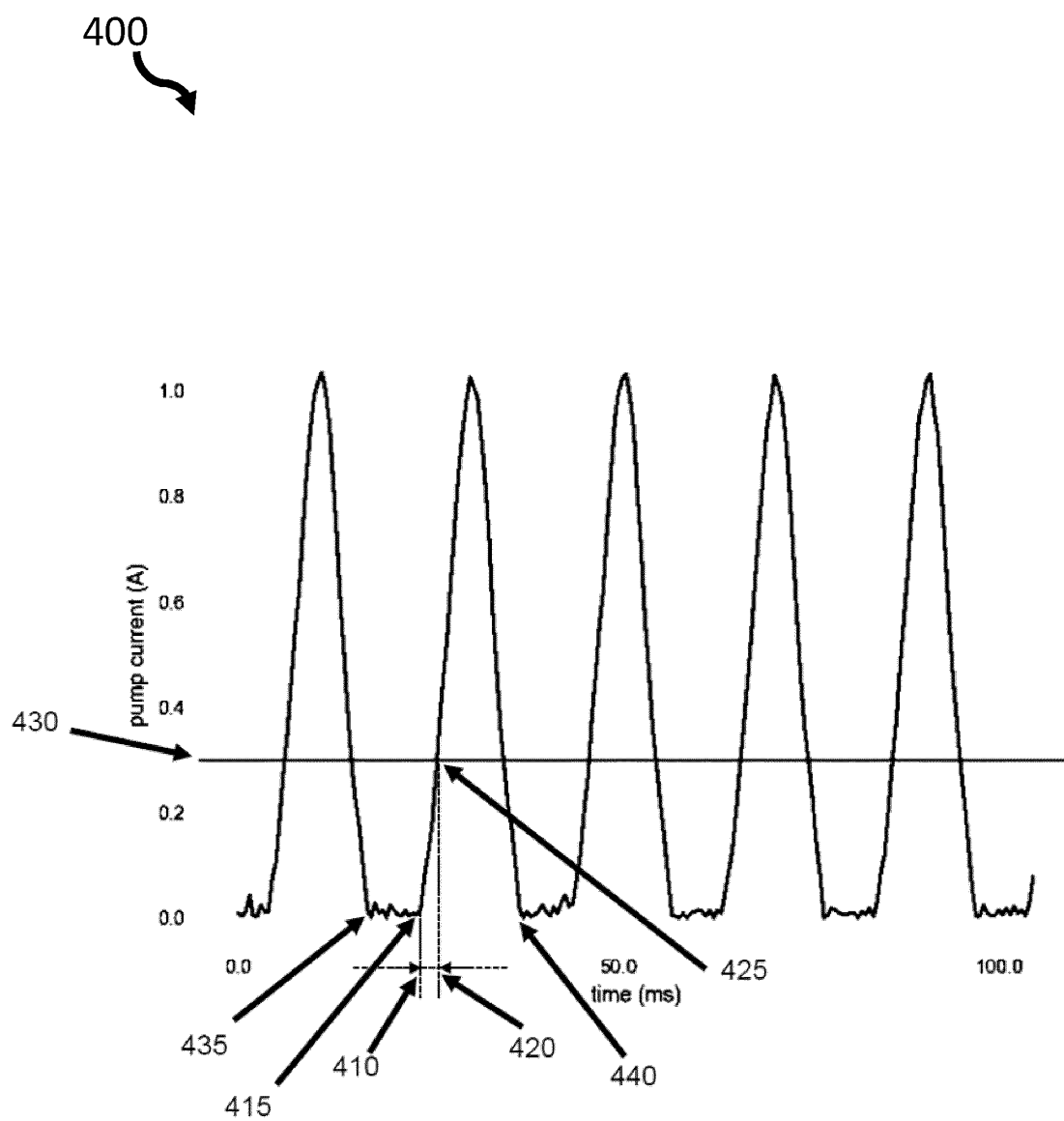


Fig. 5

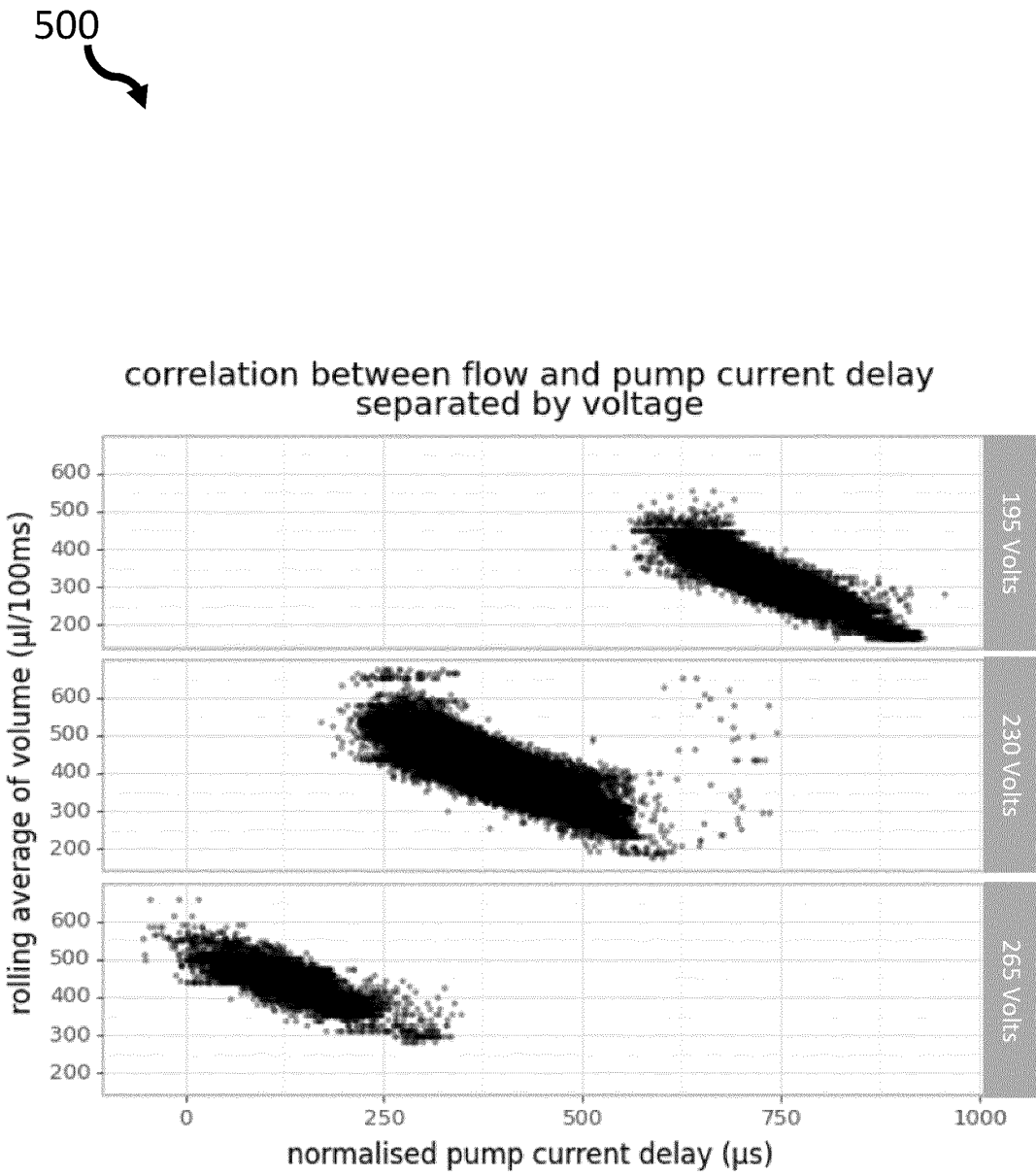
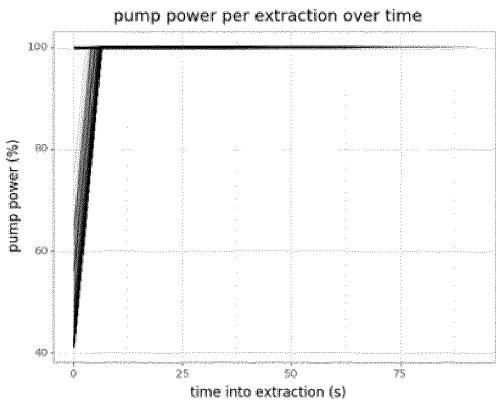
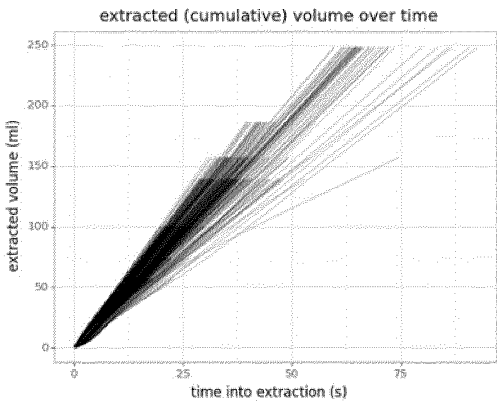


Fig. 6

600



(a)



(b)

Fig. 7

700

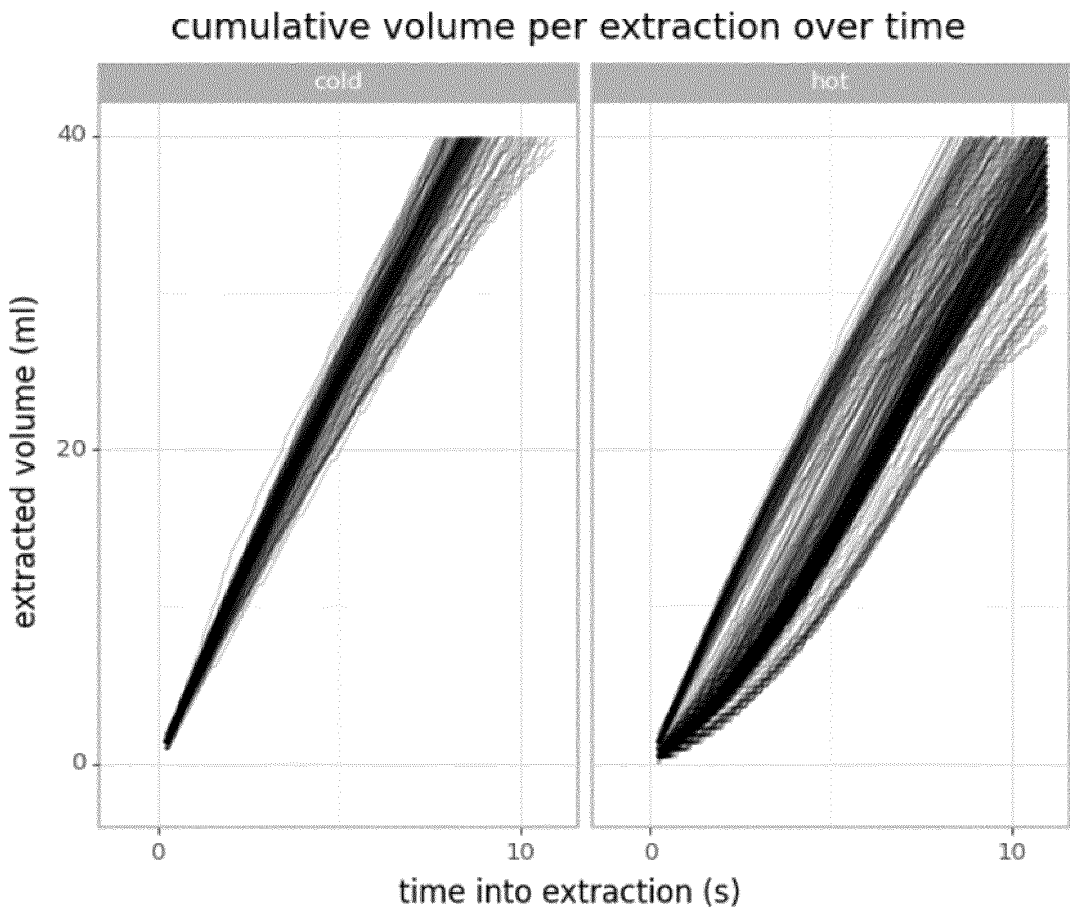


Fig. 8

800



S801: Responsive to determining that a second operation period of the electric pump has elapsed, determining a second current delay of the electric pump and generating, based on the second current delay, a second estimate of the volume of liquid output from the pump during the second operation period



S802: Calculating a total volume of liquid output from the pump during the first operation period and the second operation period by summing the first estimate of the volume and the second estimate of the volume

900 

Fig. 9

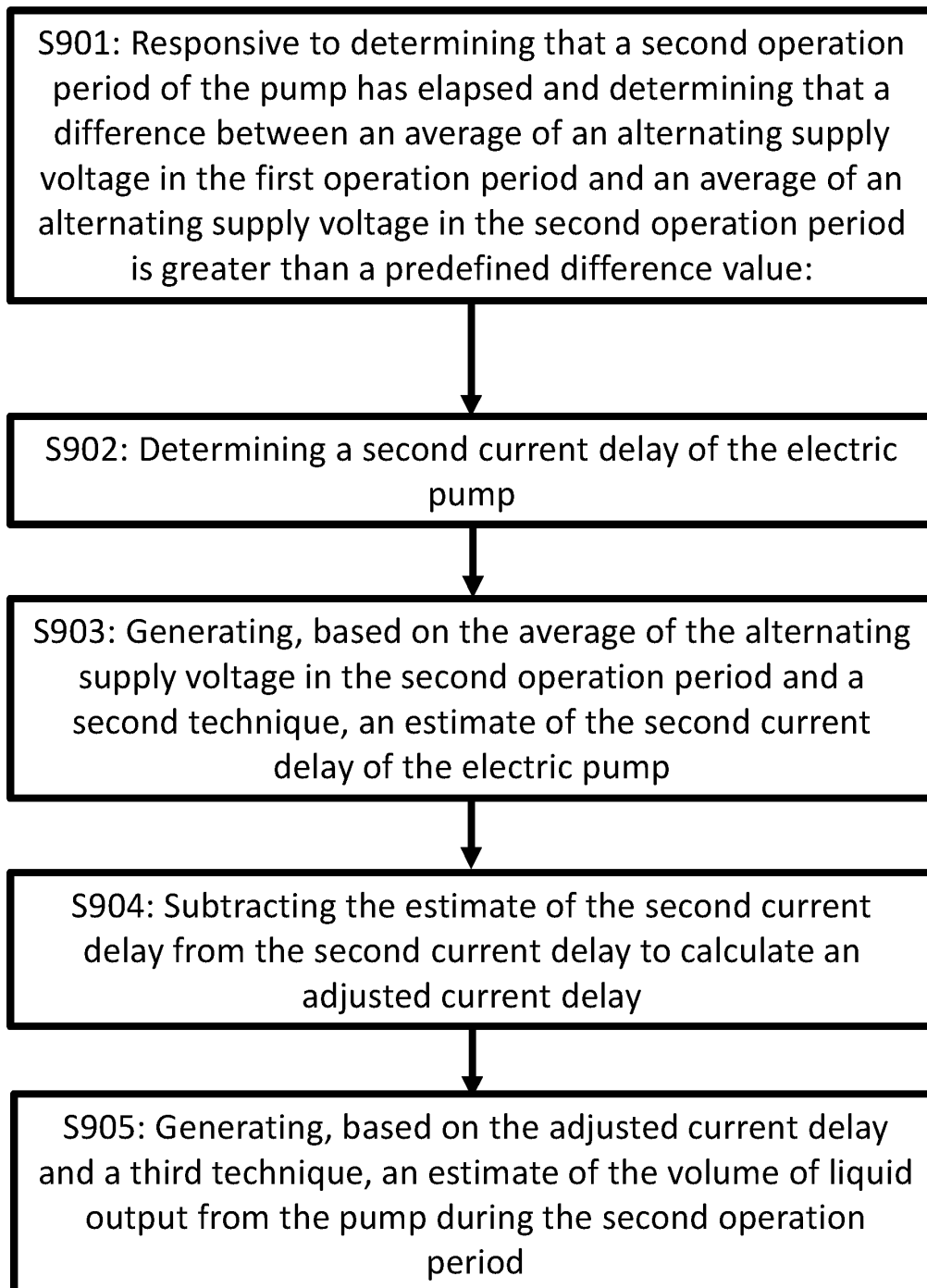


Fig. 10

1000



S1001: Obtaining training data comprising values of current delays of a test apparatus and volumes of liquid output by the test apparatus during operation of the test apparatus



S1002: Performing regression analysis on the training data to provide one or more parameters usable to estimate the volume of liquid output from the electric pump from a measurement of a current delay of the electric pump

Fig. 11

1100
