FIGURES

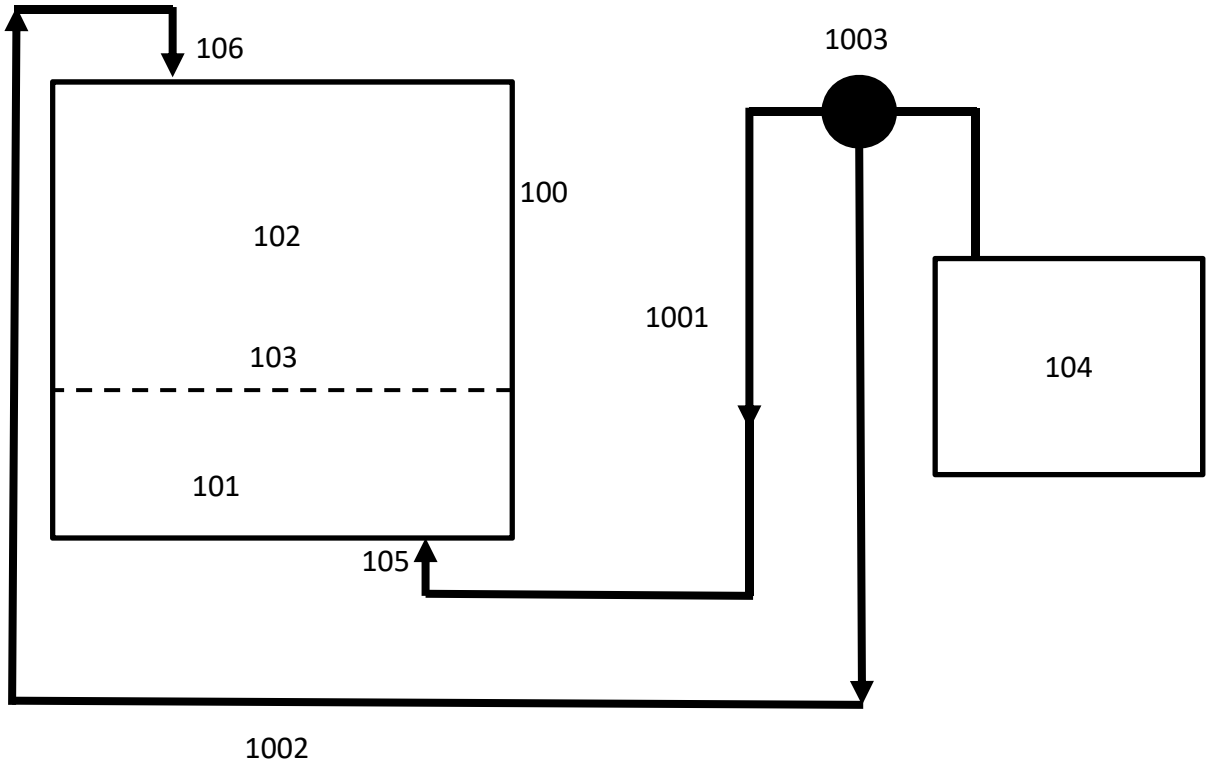


Fig. 1

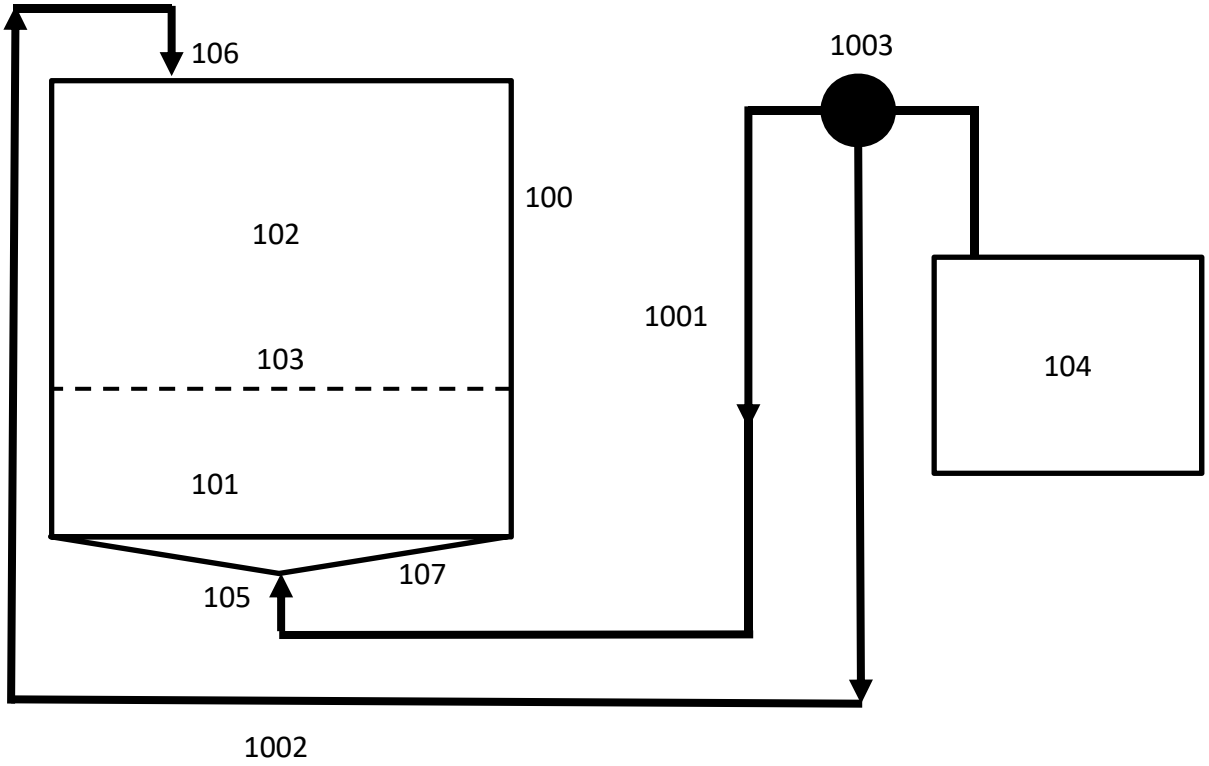


Fig. 2

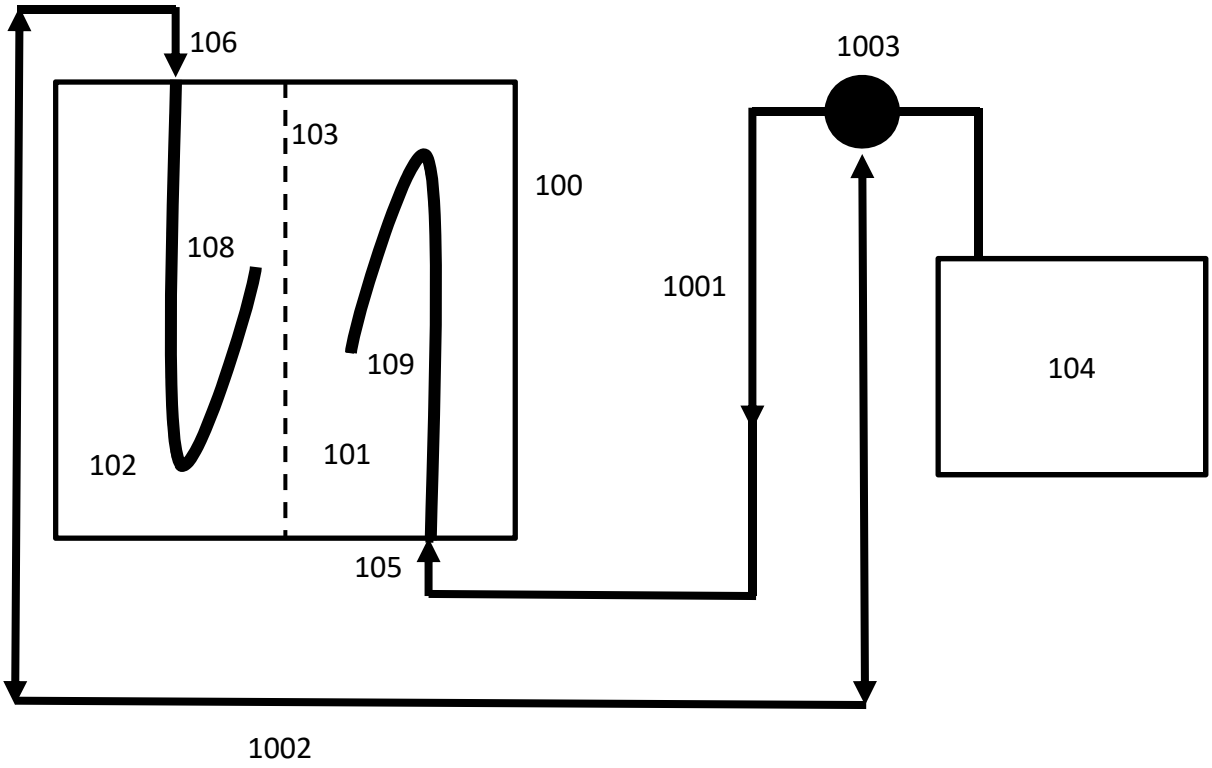

106
1003
103
100
108
1001
104
109
102
101
105
1002

Fig. 3

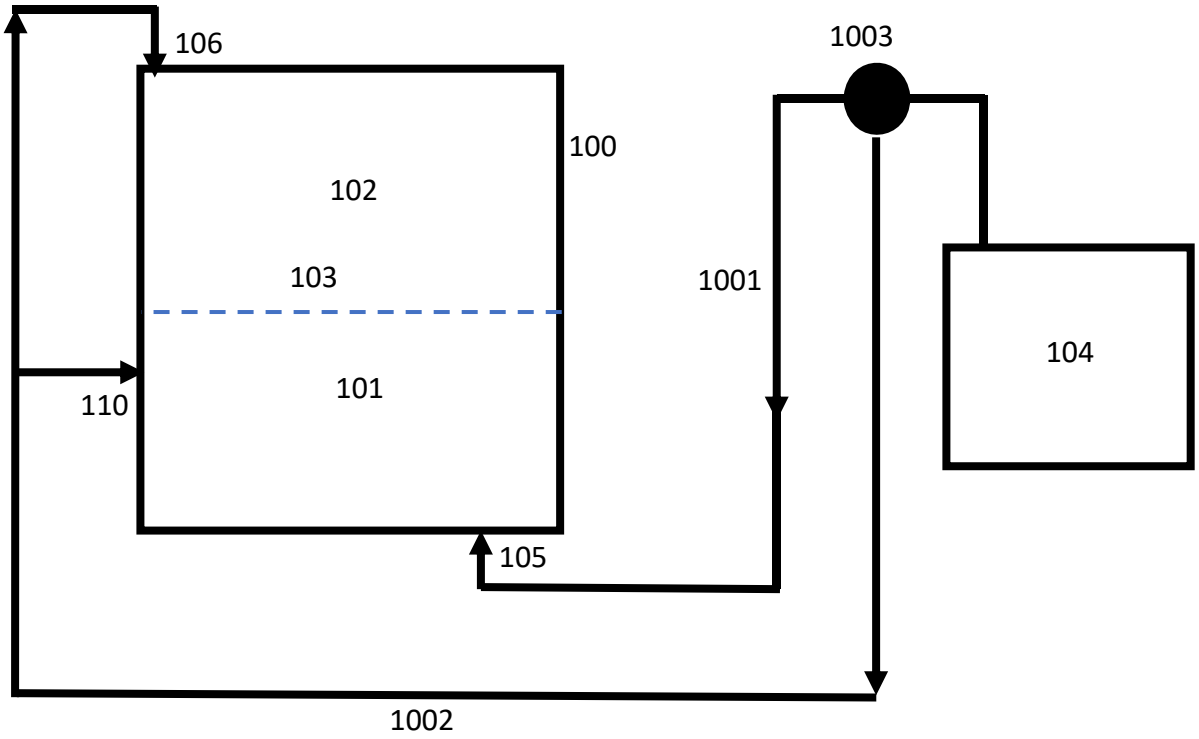

106
1003
100
102
103
1001
104
101
110
105
1002

Fig. 4

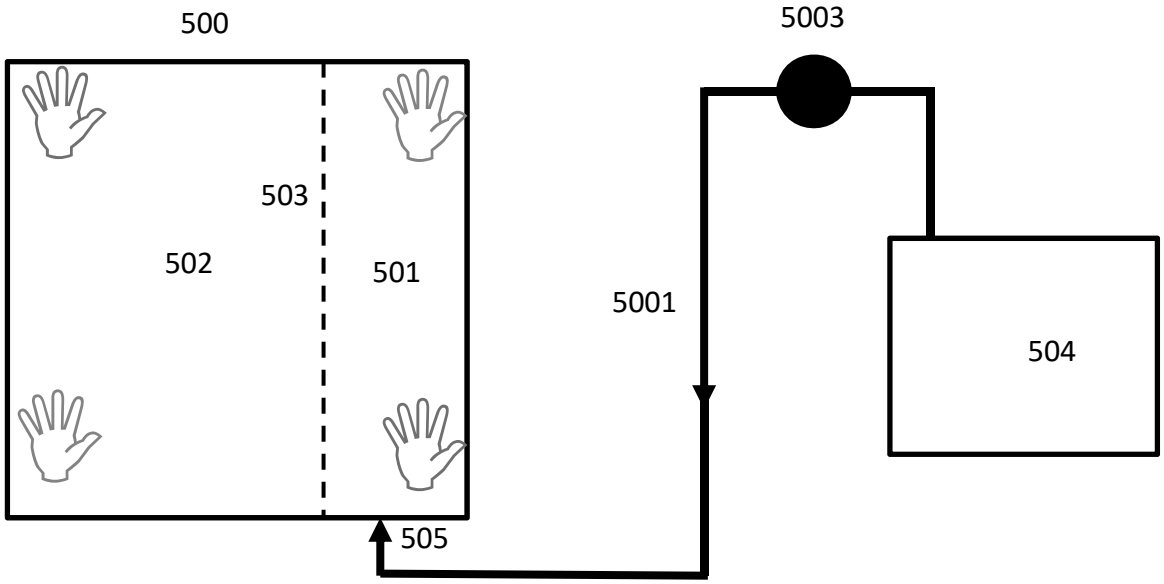

500
5003
503
502
501
5001
504
505

Fig. 5

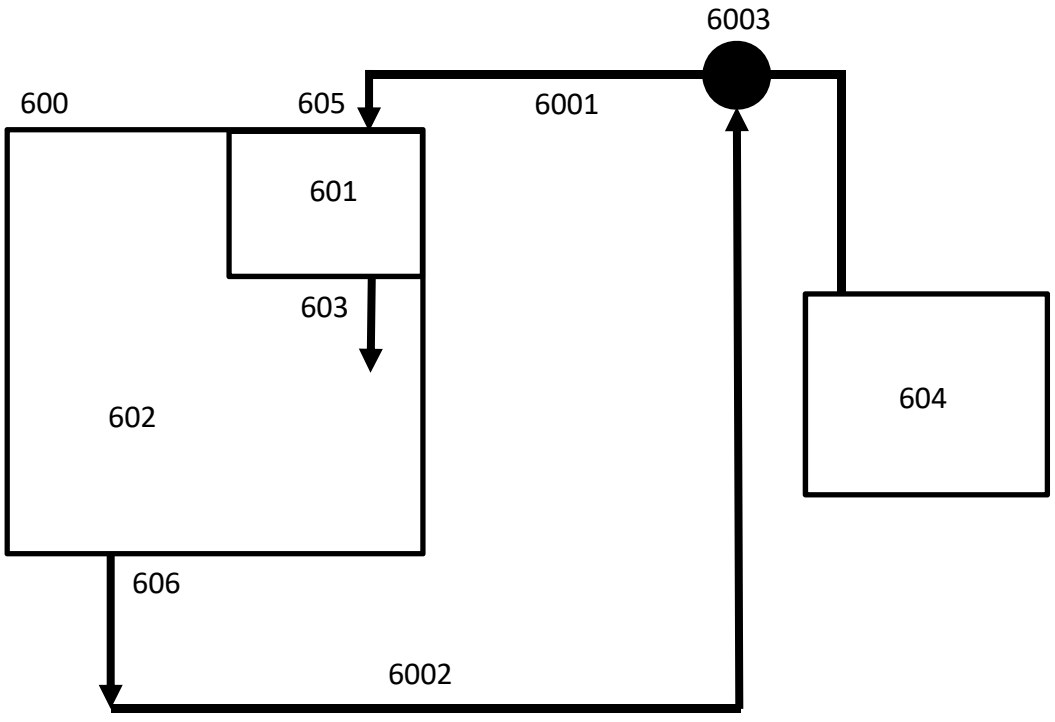

6003
600
605
6001
601
603
602
604
606
6002

Fig. 6

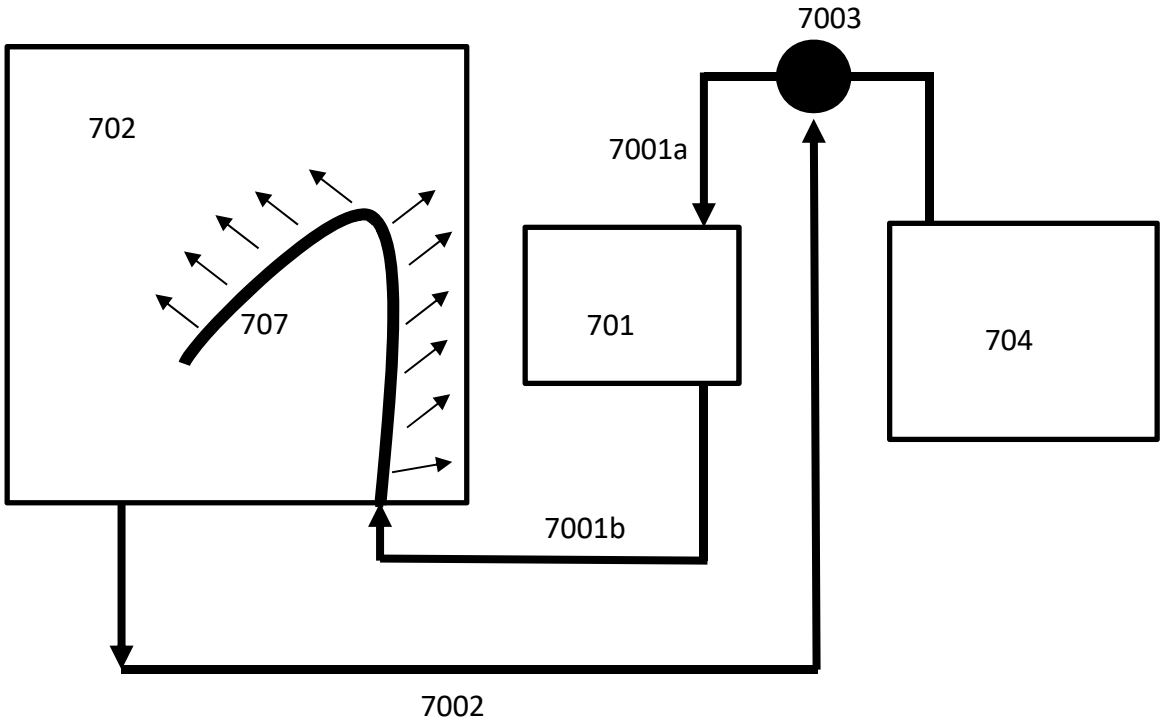

7003
702
7001a
707
701
704
7001b
7002

Fig. 7

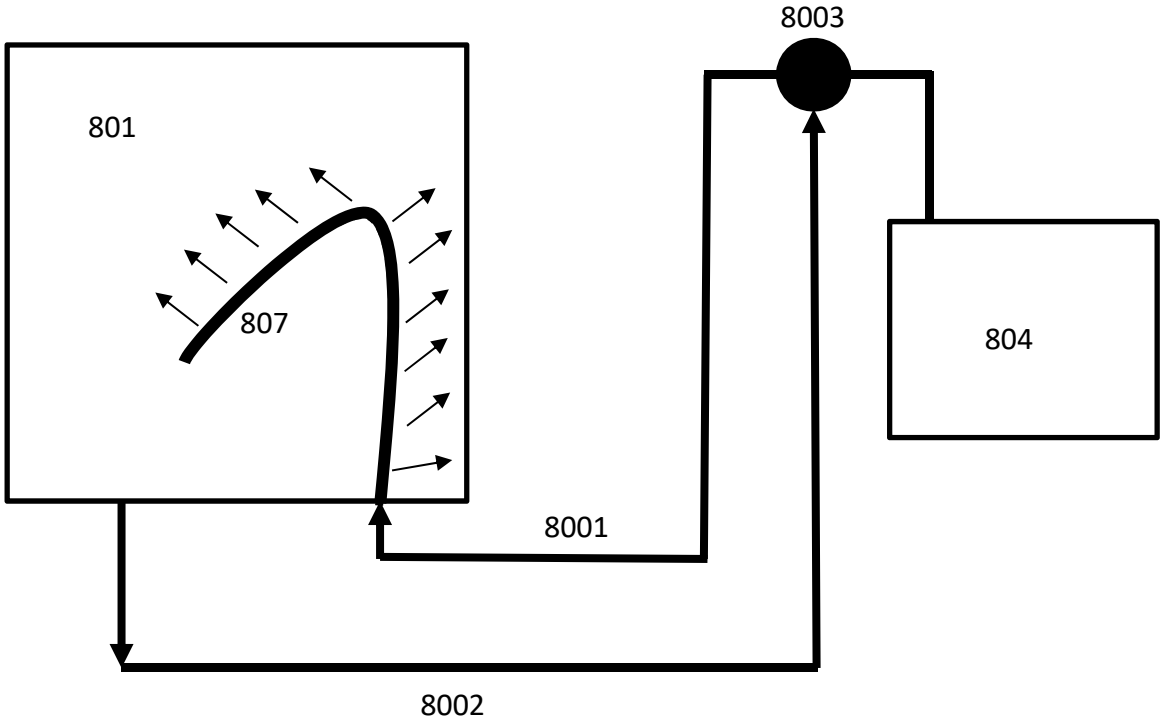

8003
801
807
804
8001
8002

Fig. 8

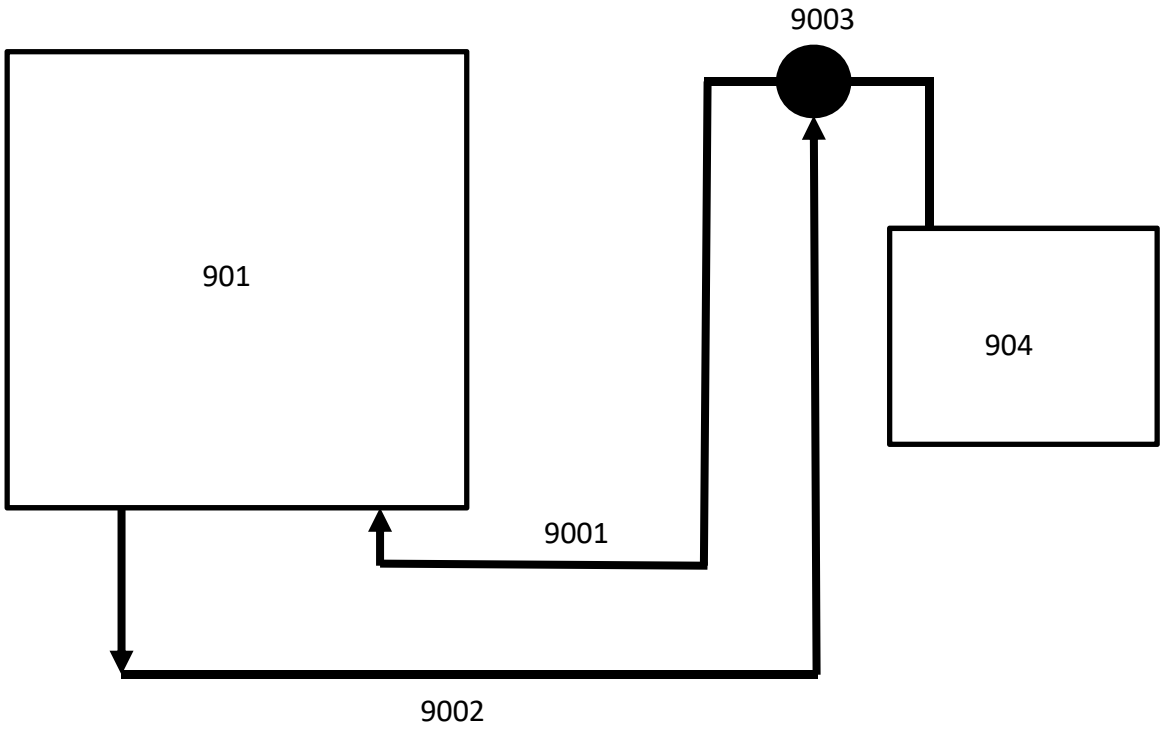

9003
901
904
9001
9002

Fig. 9

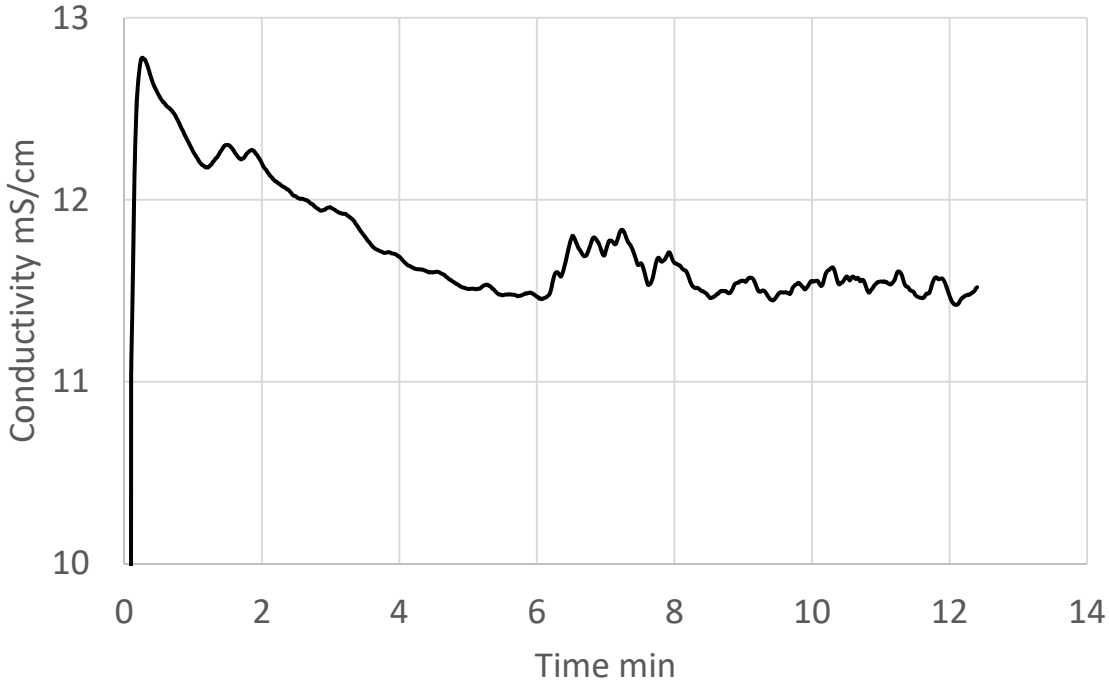

13
12
11
10
Conductivity mS/cm
0
2
4
6
8
10
12
14
Time min

Fig. 10

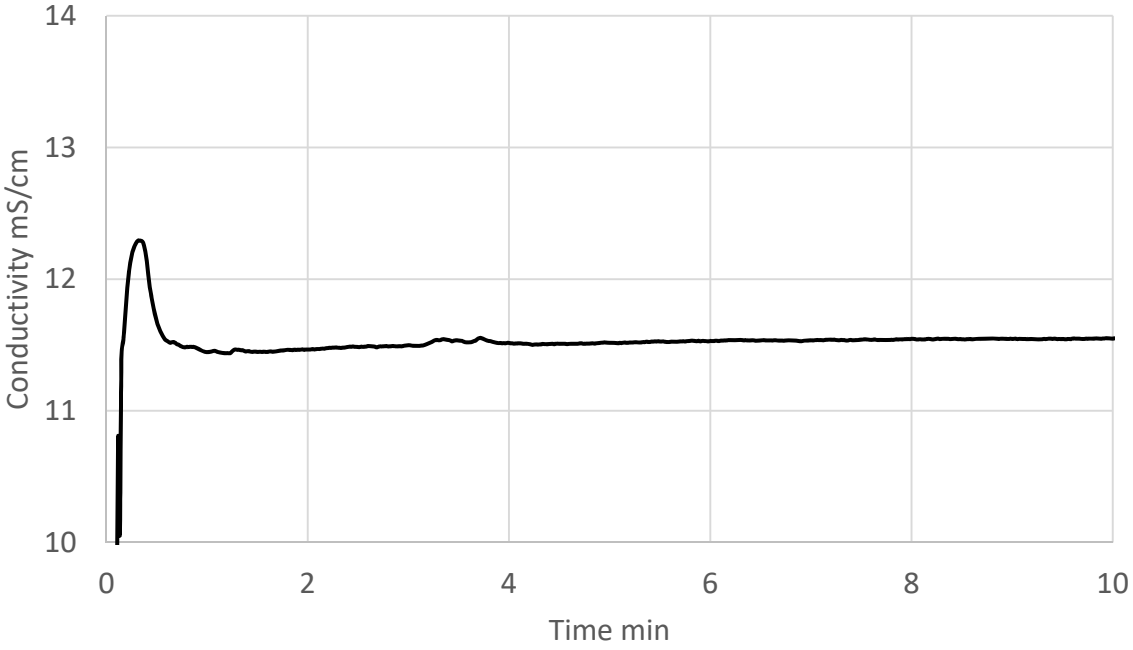

14
13
12
11
10
Conductivity mS/cm
0
2
4
6
8
10
Time min

Fig. 11

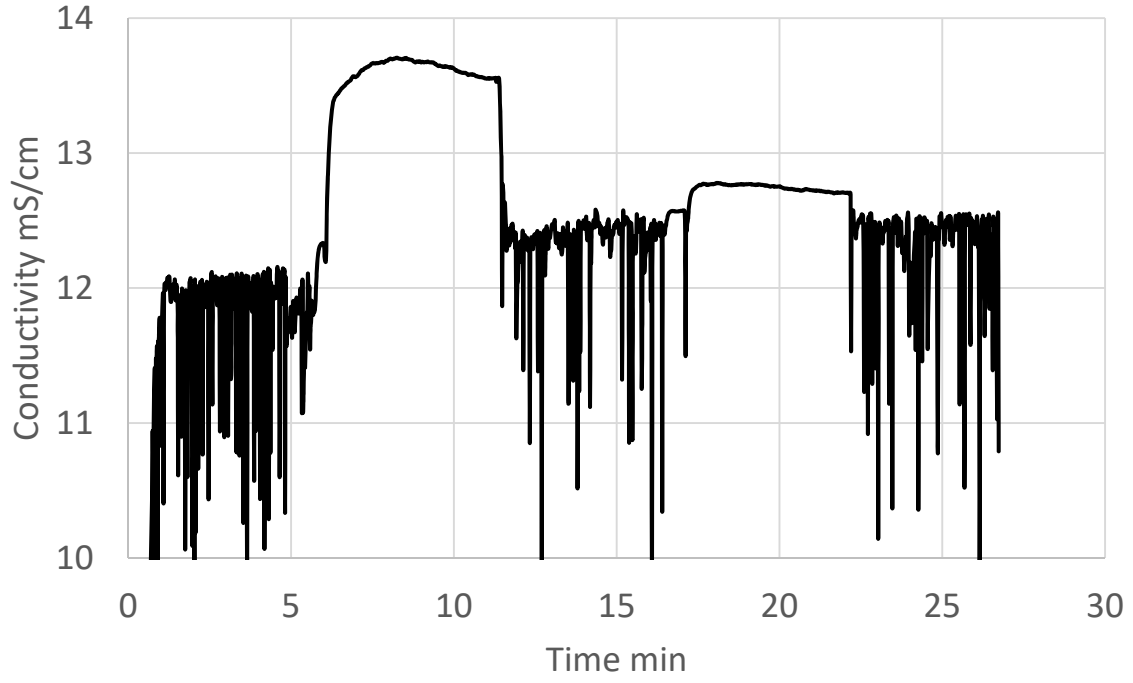

14
13
12
11
10
Conductivity mS/cm
0
5
10
15
20
25
30
Time min

Fig. 12

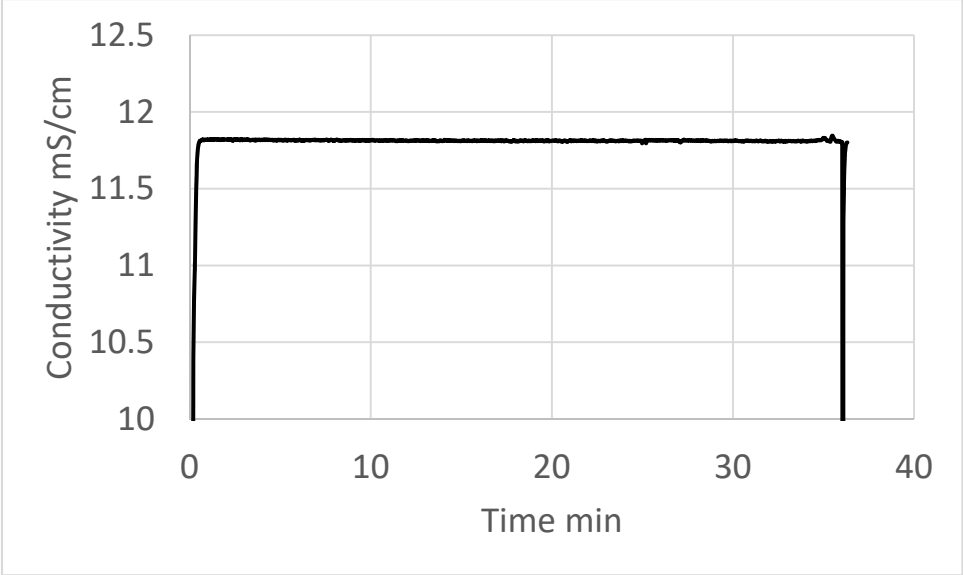

12.5
12
11.5
11
10.5
10
Conductivity mS/cm
0
10
20
30
40
Time min

Fig. 13

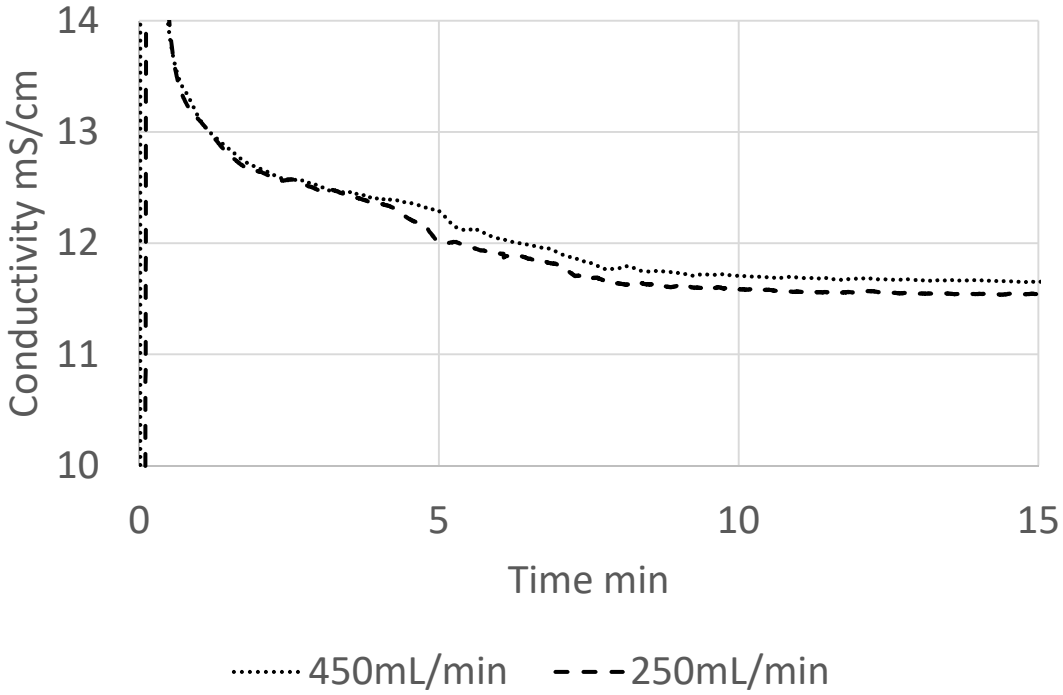

14
13
12
11
10
Conductivity mS/cm
0
5
10
15
Time min
450mL/min
250mL/min

Fig. 14

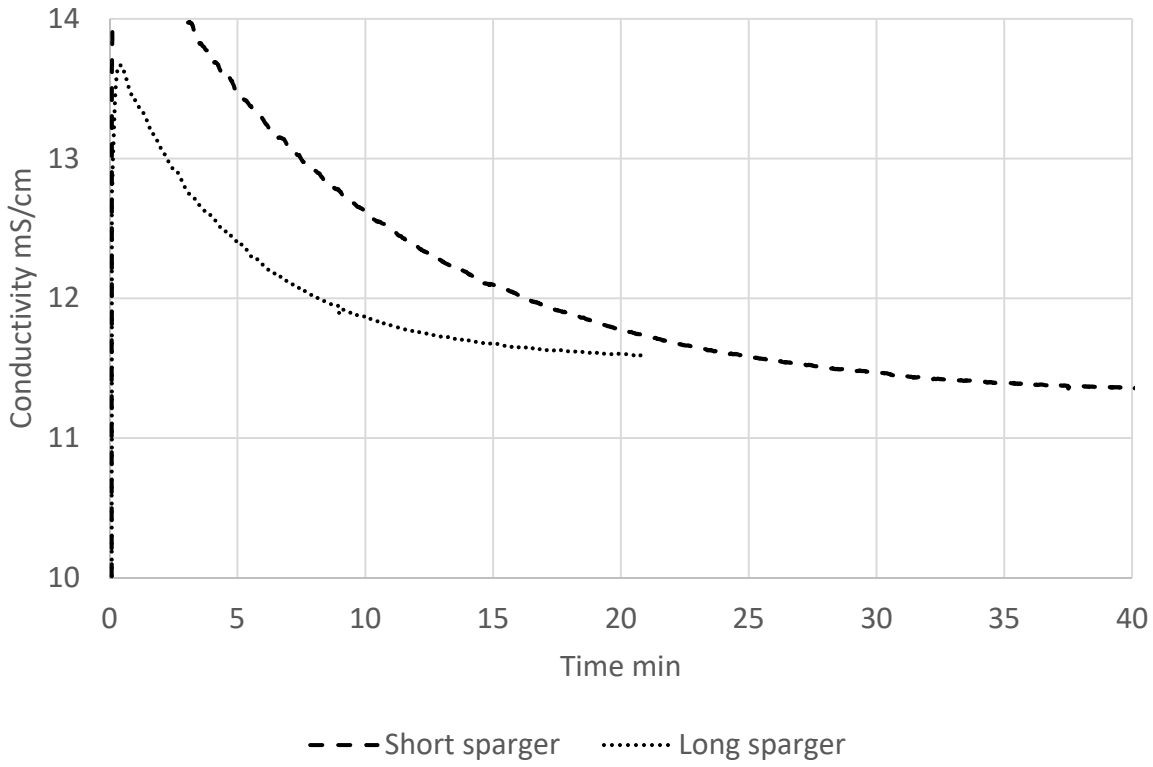

14
13
12
11
10
Conductivity mS/cm
0
5
10
15
20
25
30
35
40
Time min
Short sparger
Long sparger

Fig. 15

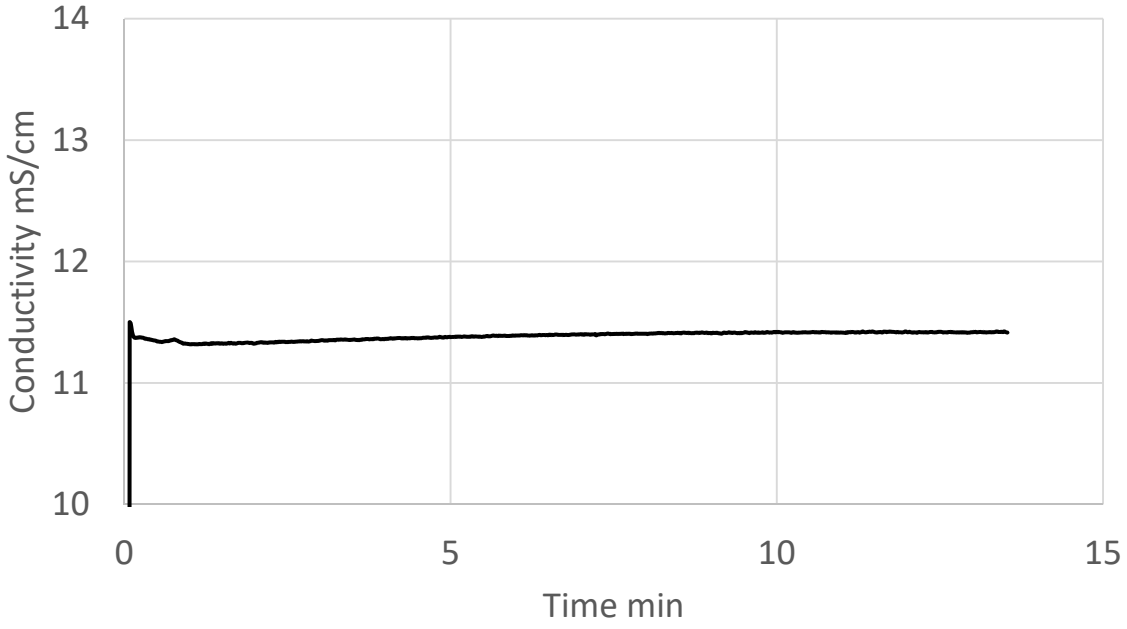

14
13
12
11
10
Conductivity mS/cm
0
5
10
15
Time min

Fig. 16

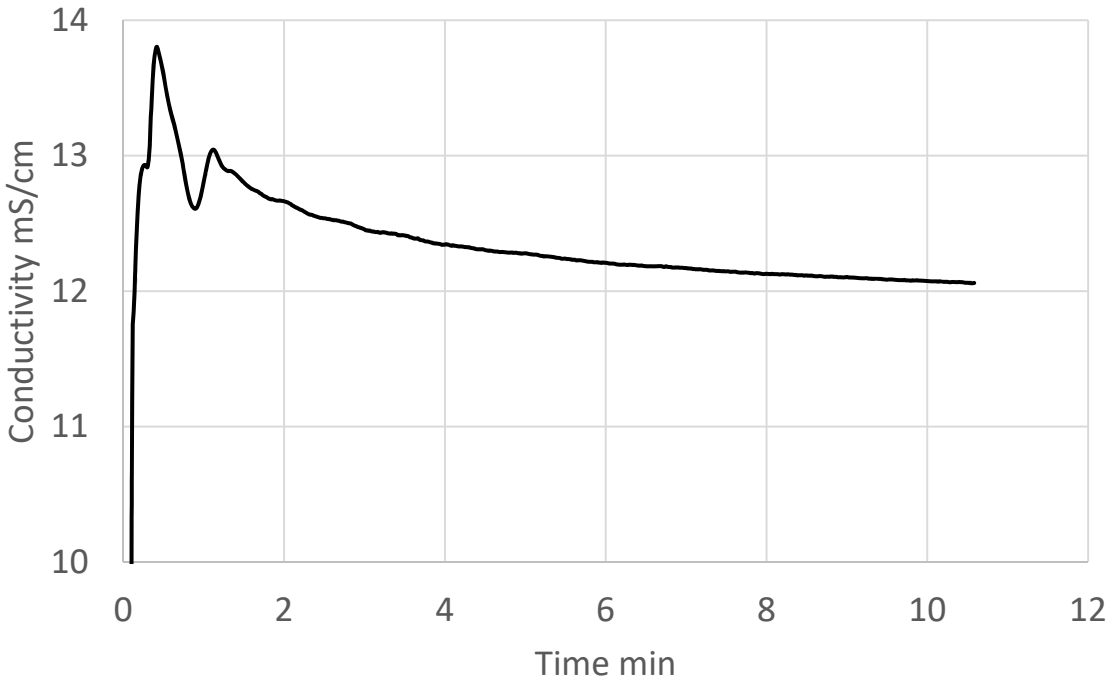

14
13
12
11
10
Conductivity mS/cm
0
2
4
6
8
10
12
Time min

Fig. 17

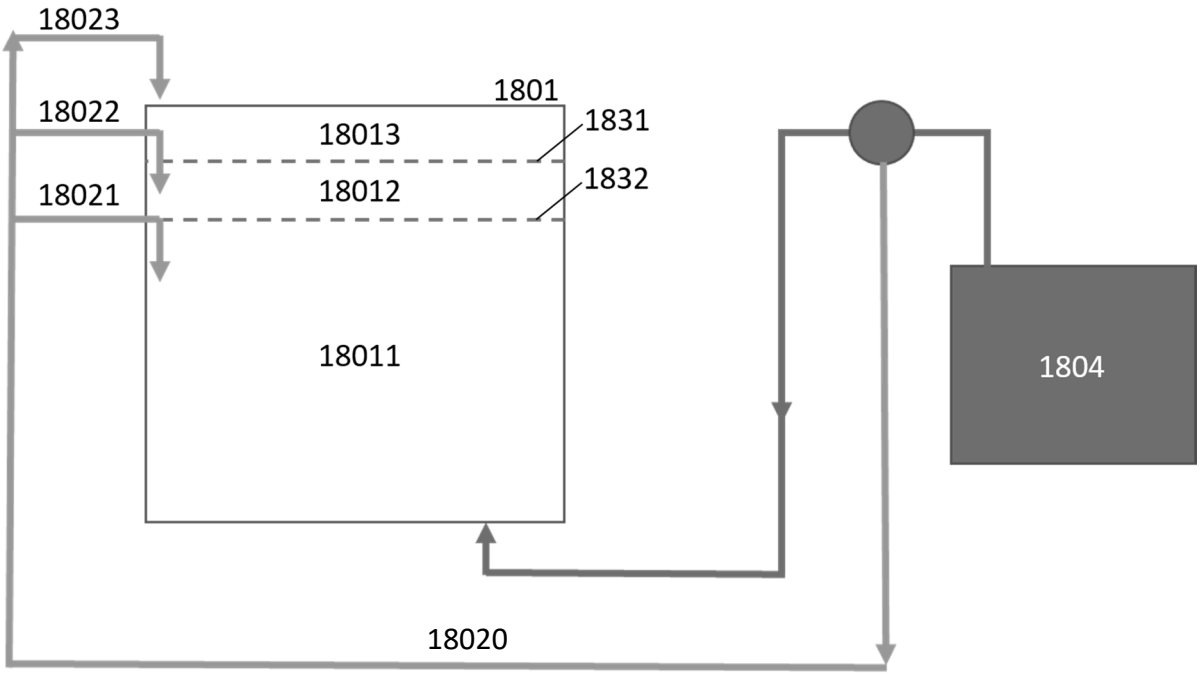

18023
18022
18021
1801
18013
18012
18011
1831
1832
1804
18020

Fig. 18