FIG 1

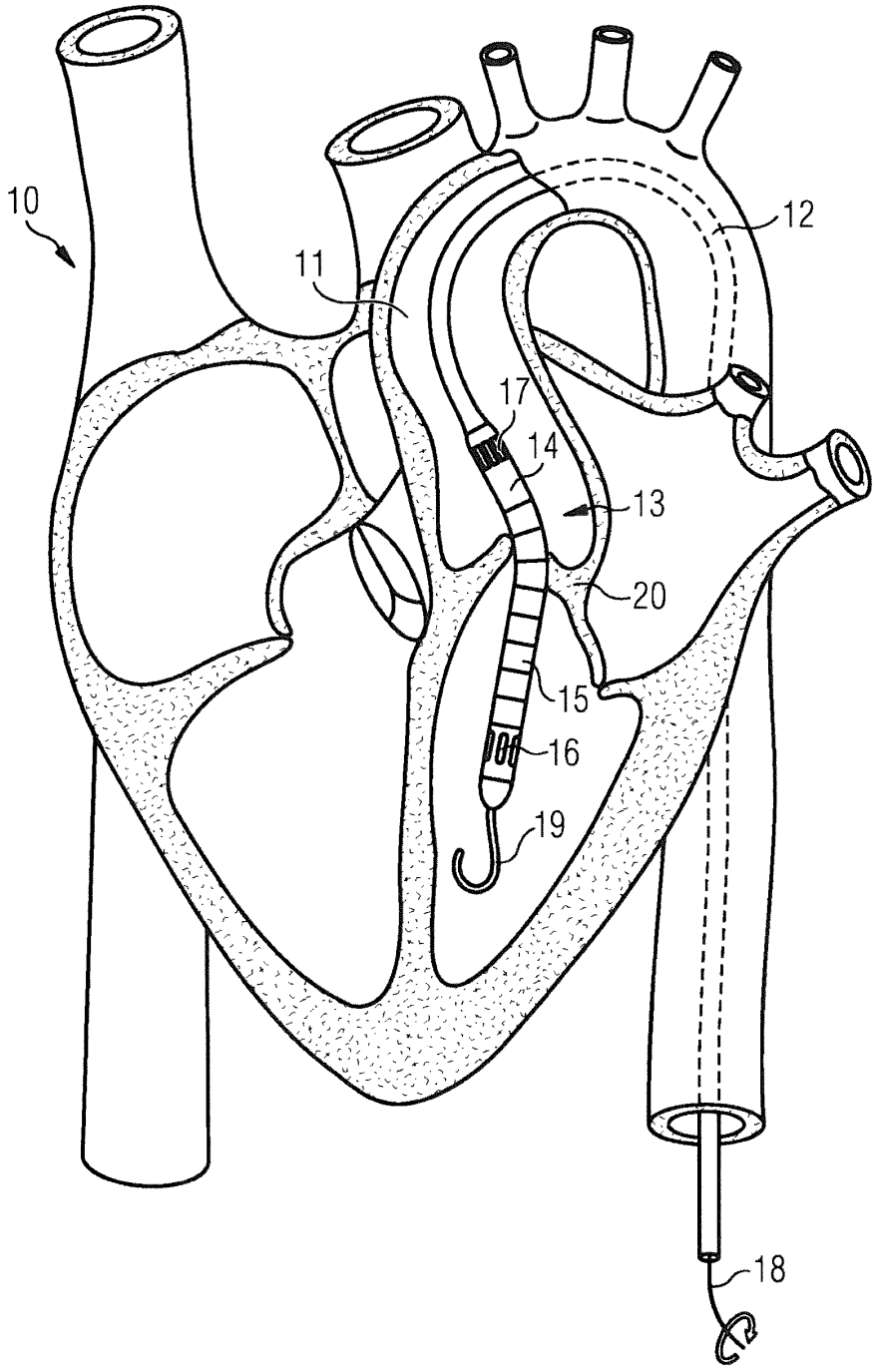


FIG 2

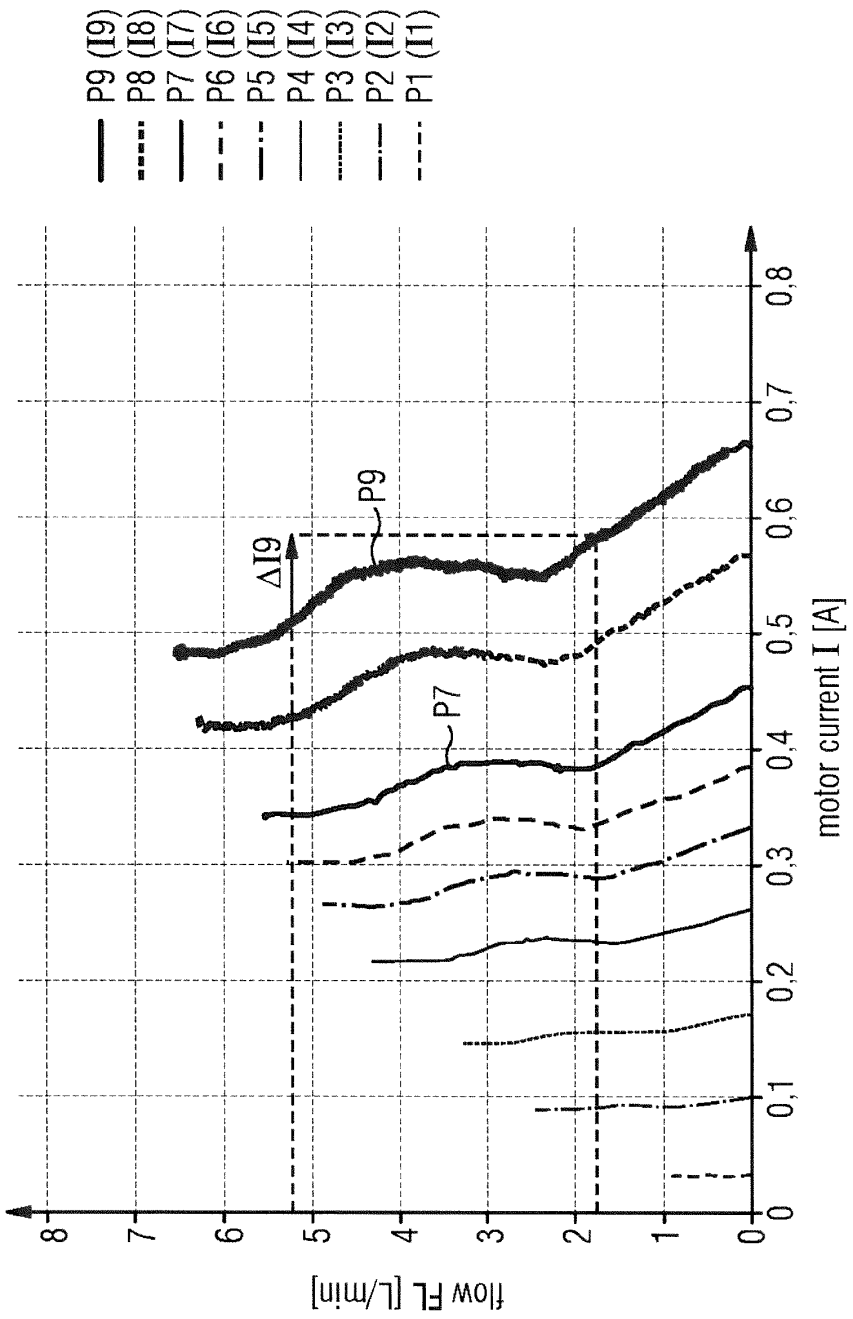

P9 (I9)
P8 (I8)
P7 (I7)
P6 (I6)
P5 (I5)
P4 (I4)
P3 (I3)
P2 (I2)
P1 (I1)
ΔI9
P9
P7
flow FL [L/min]
motor current I [A]
0
1
2
3
4
5
6
7
8
0,1
0,2
0,3
0,4
0,5
0,6
0,7
0,8

FIG 3

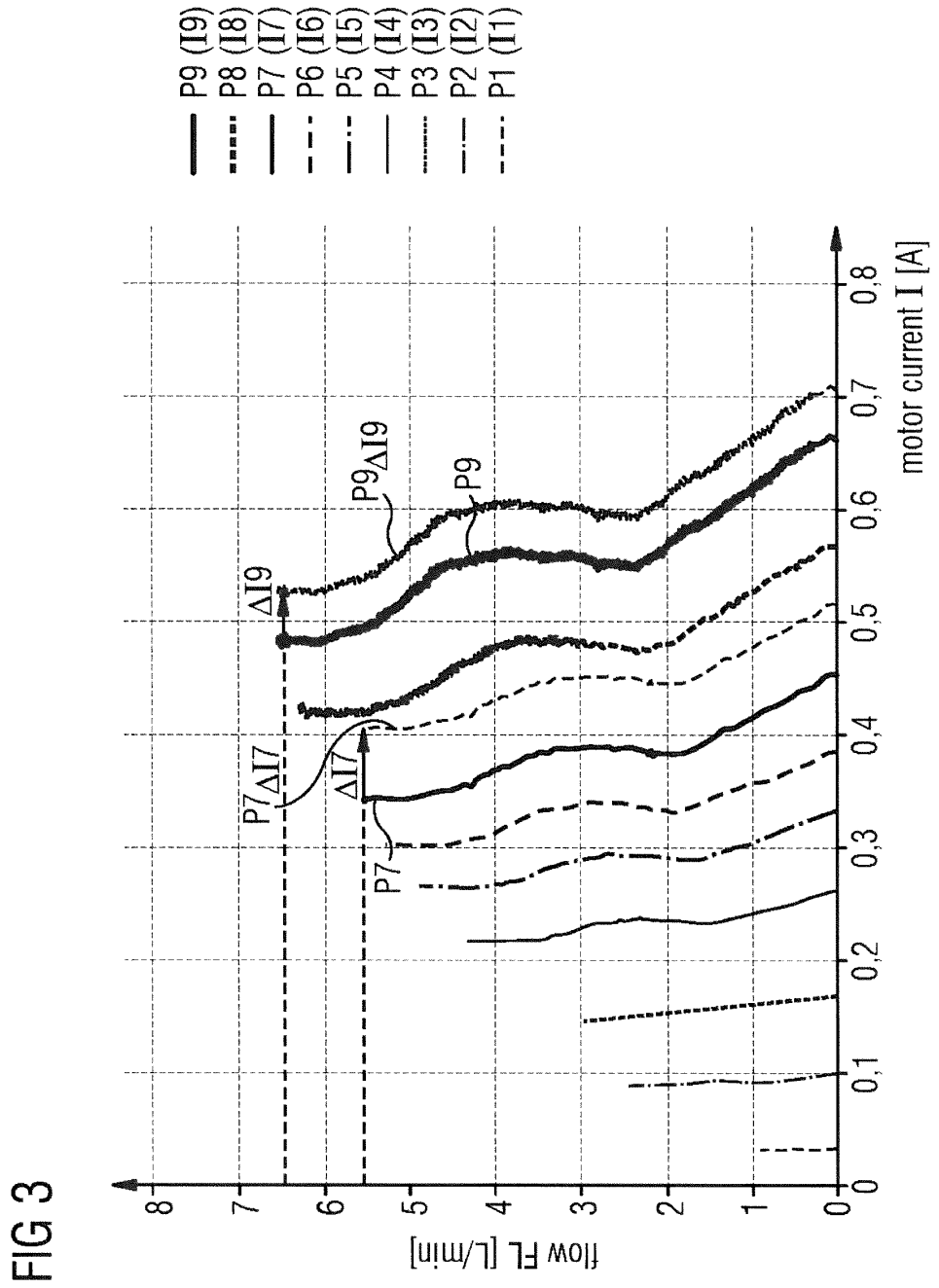

P9 (I9)
P8 (I8)
P7 (I7)
P6 (I6)
P5 (I5)
P4 (I4)
P3 (I3)
P2 (I2)
P1 (I1)
flow FL [L/min]
motor current I [A]
0
1
2
3
4
5
6
7
8
0,1
0,2
0,3
0,4
0,5
0,6
0,7
0,8
P9ΔI9
P9
ΔI9
P7ΔI7
ΔI7
P7

FIG 4

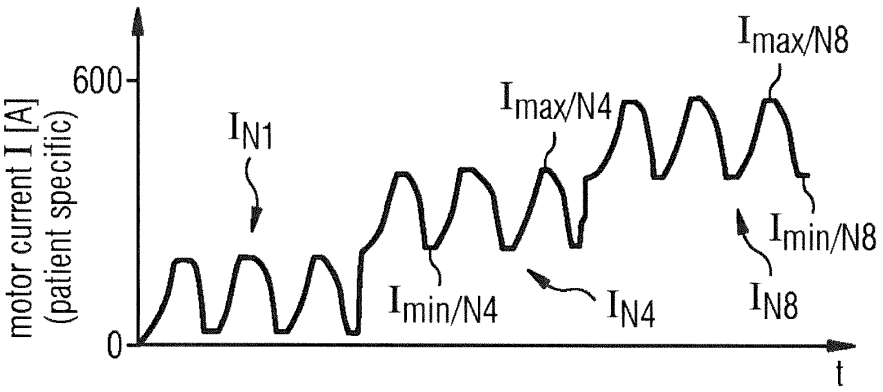
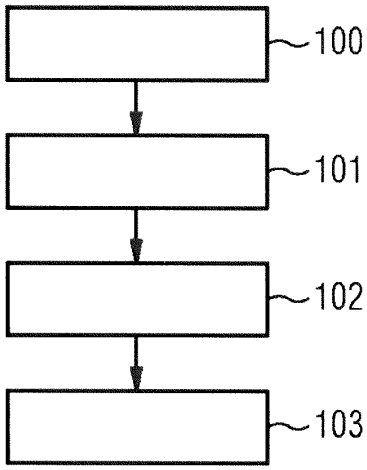

motor current I [A]
(patient specific)
600
0
t
I_{N1}
$I_{min/N4}$
$I_{max/N4}$
I_{N4}
$I_{max/N8}$
$I_{min/N8}$
I_{N8}

FIG 5


100
101
102
103