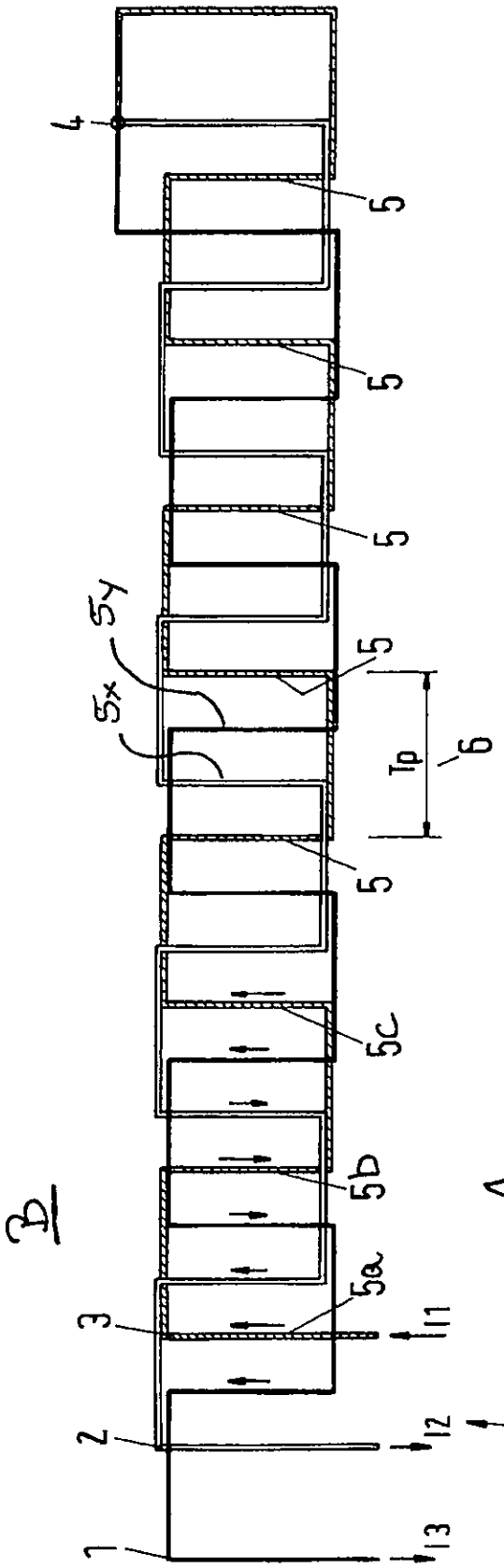


Fig.1

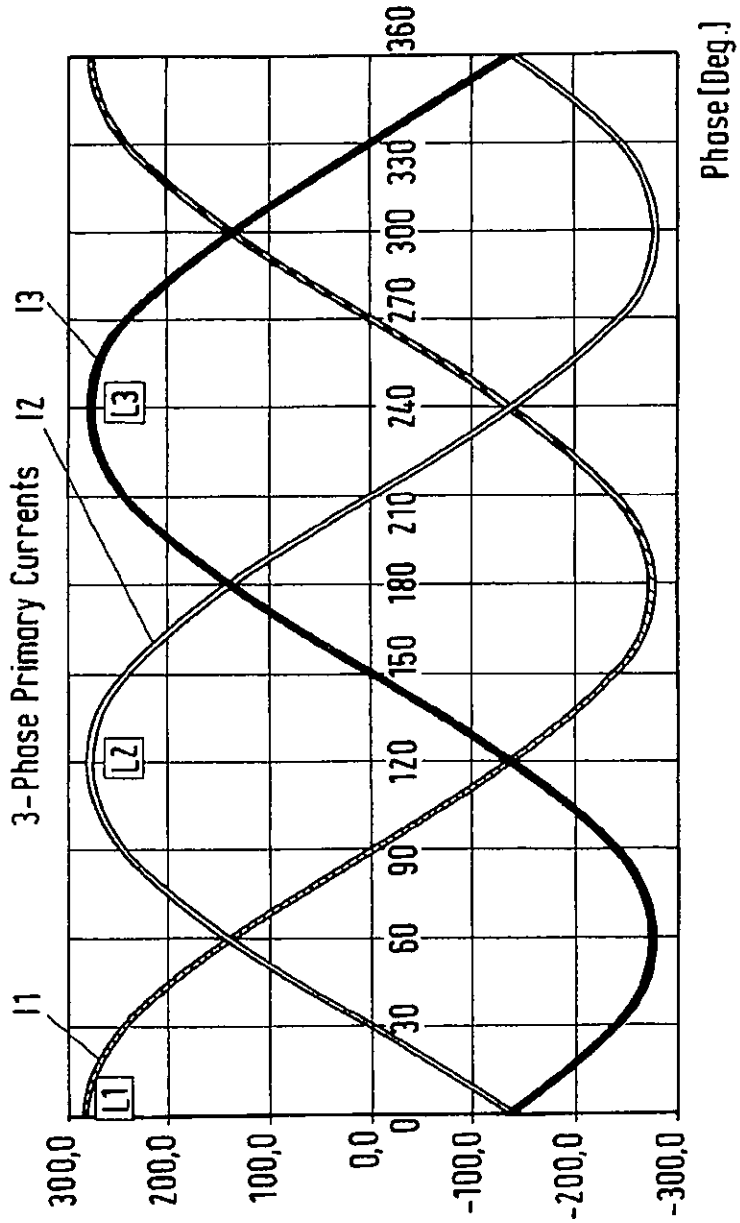

3-Phase Primary Currents
I1
I2
I3
L1
L2
L3
300,0
200,0
100,0
0,0
-100,0
-200,0
-300,0
0
30
60
90
120
150
180
210
240
270
300
330
360
Phase [Deg.]

Fig.2

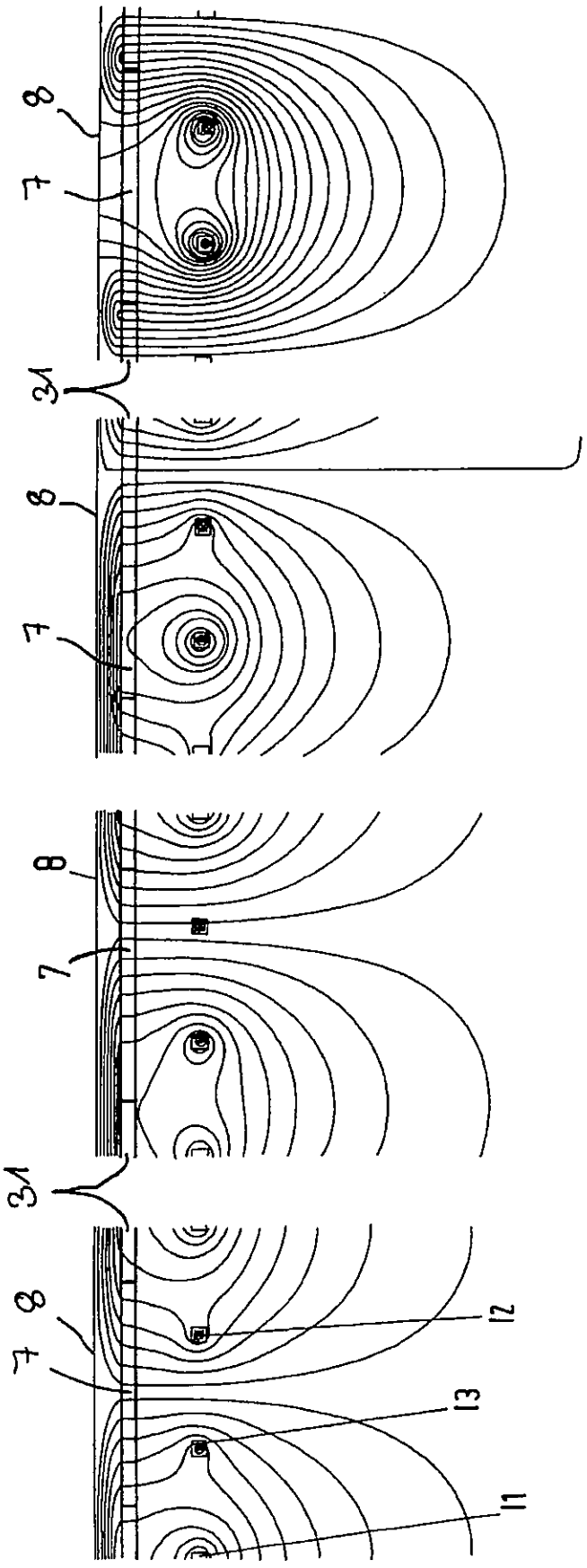


Fig.3

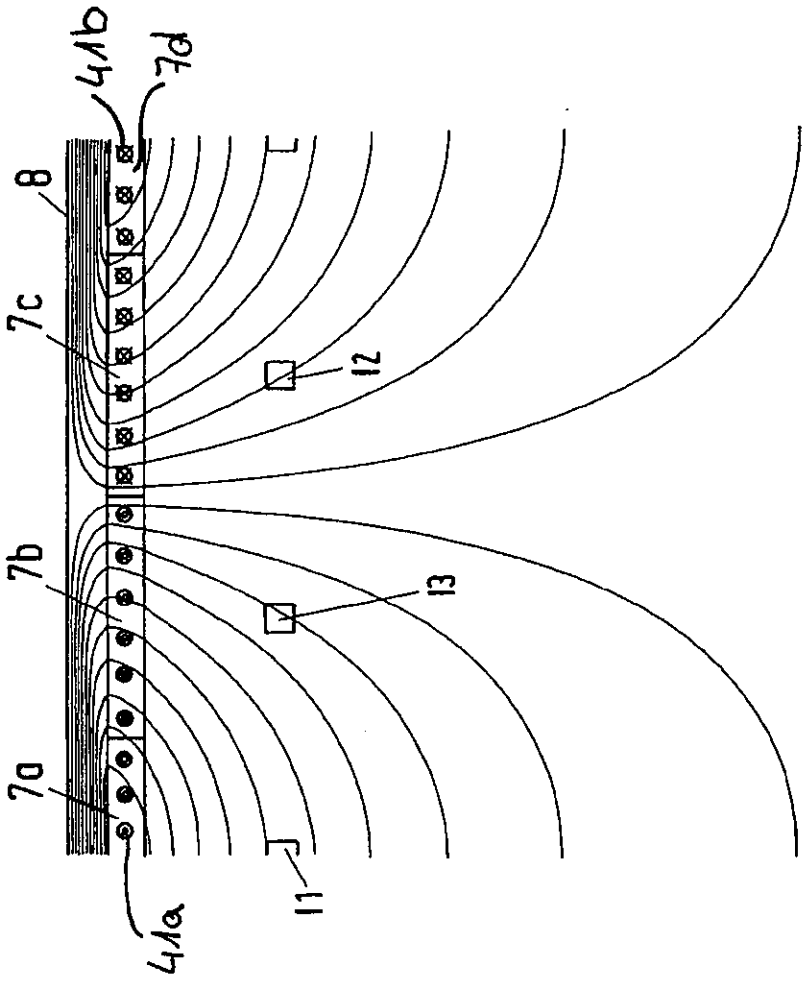


Fig.4

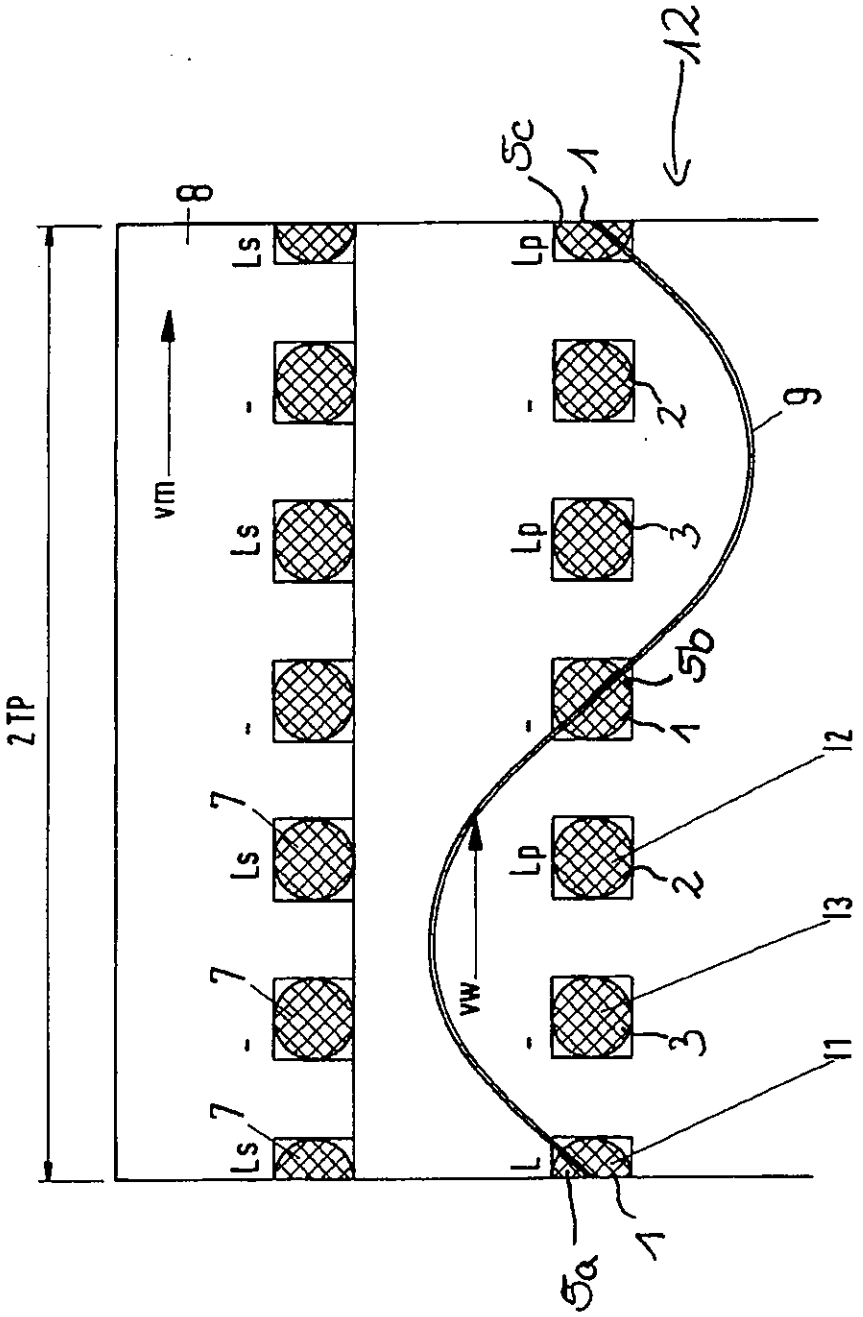


Fig.5

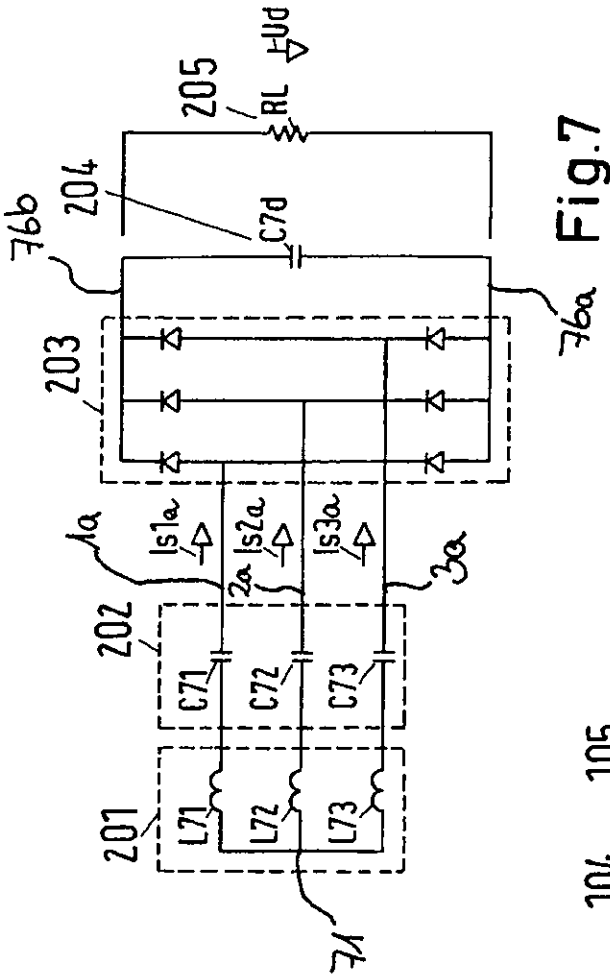

Ud
205
RL
204
C7d
76b
76a
203
1a
Is1a
2a
Is2a
Is3a
3a
202
C71
C72
C73
201
L71
L72
L73
71

Fig.7

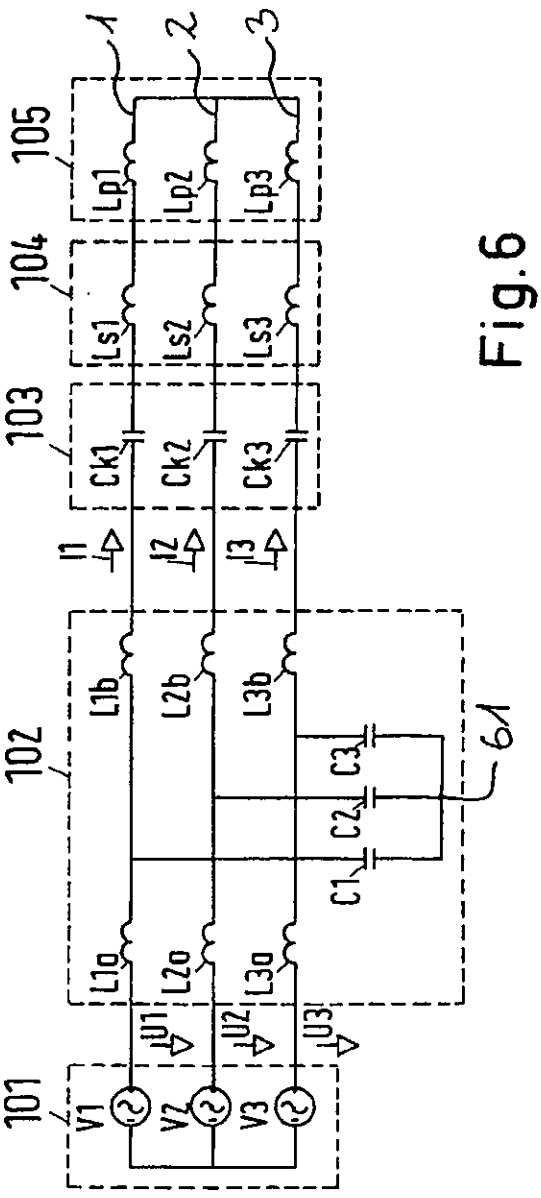

1
2
3
105
Lp1
Lp2
Lp3
104
Ls1
Ls2
Ls3
103
Ck1
Ck2
Ck3
I1
I2
I3
102
L1b
L2b
L3b
C3
C2
C1
61
L1a
L2a
L3a
U1
U2
U3
101
V1
V2
V3

Fig.6

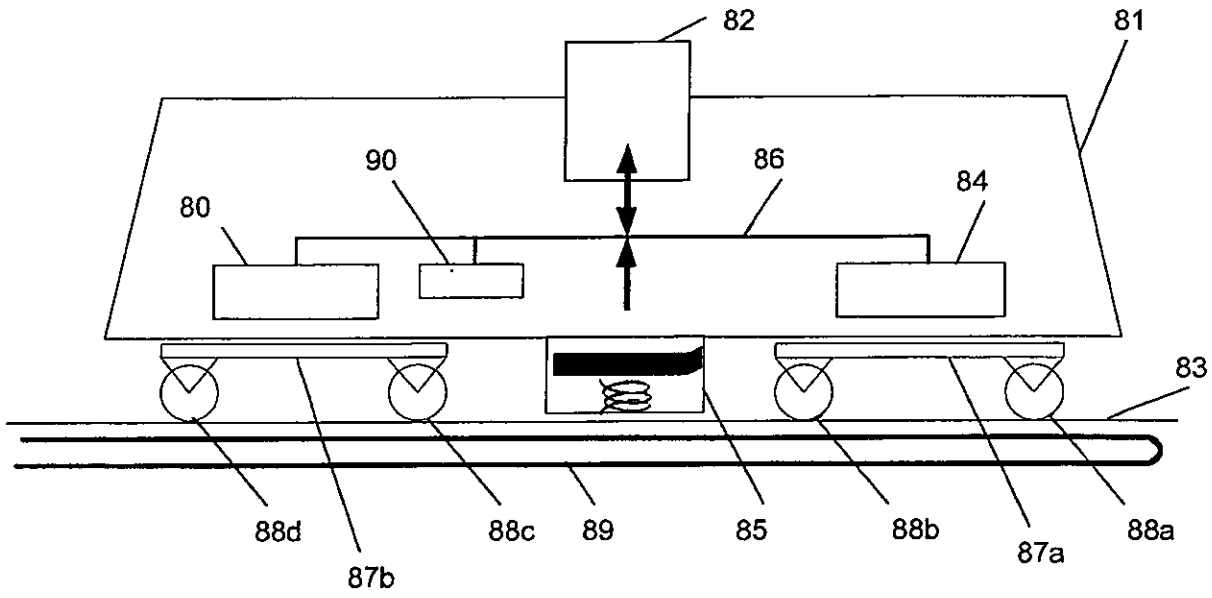


FIG . 8

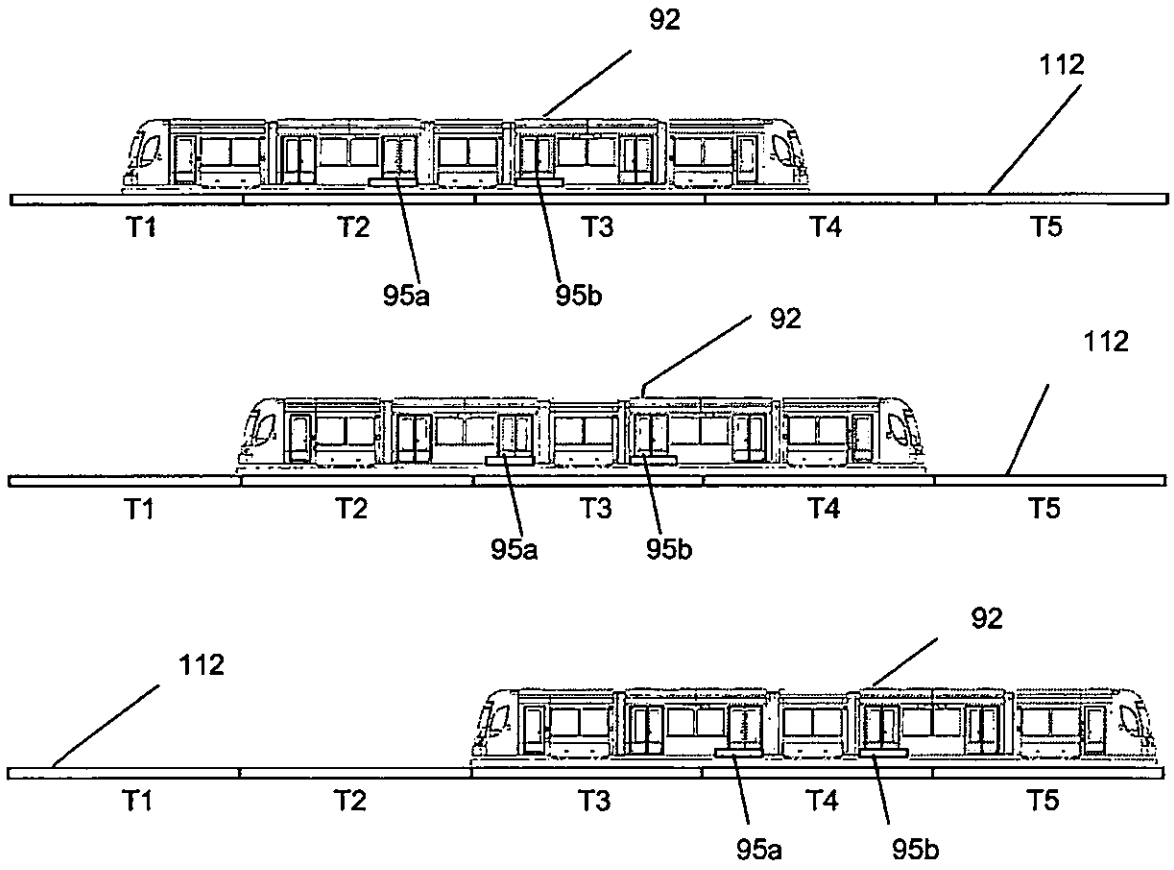

92
112
T1
T2
T3
T4
T5
95a
95b
92
112
T1
T2
T3
T4
T5
95a
95b
92
112
T1
T2
T3
T4
T5
95a
95b

FIG. 9

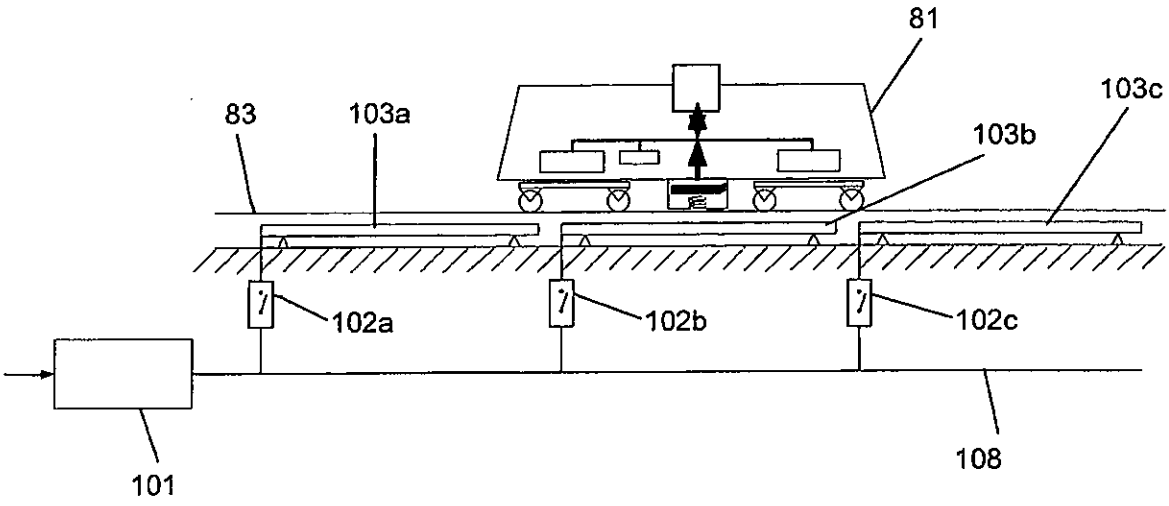


FIG. 10

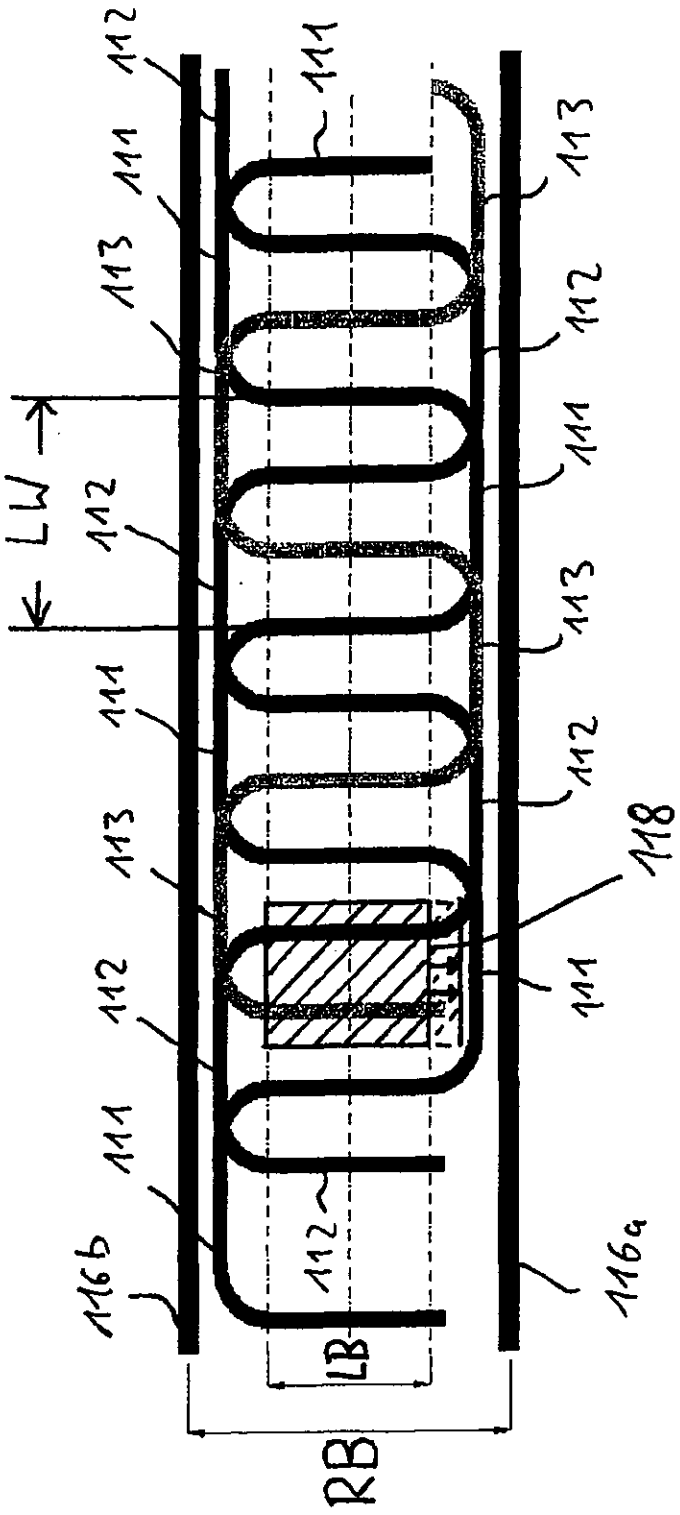


Fig. 11