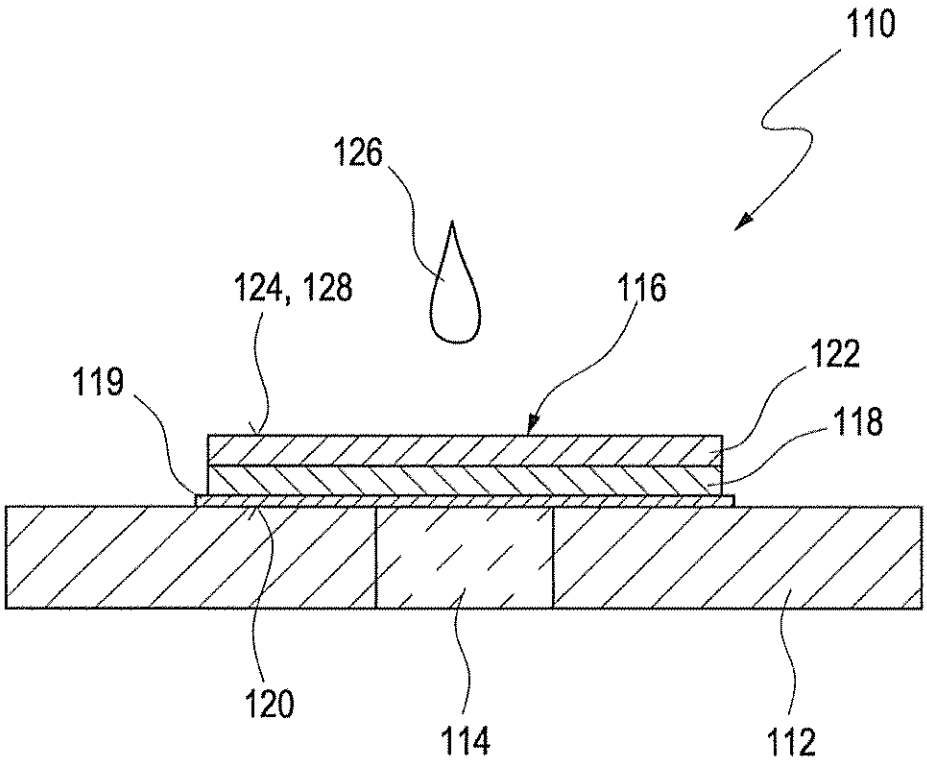

Fig. 1

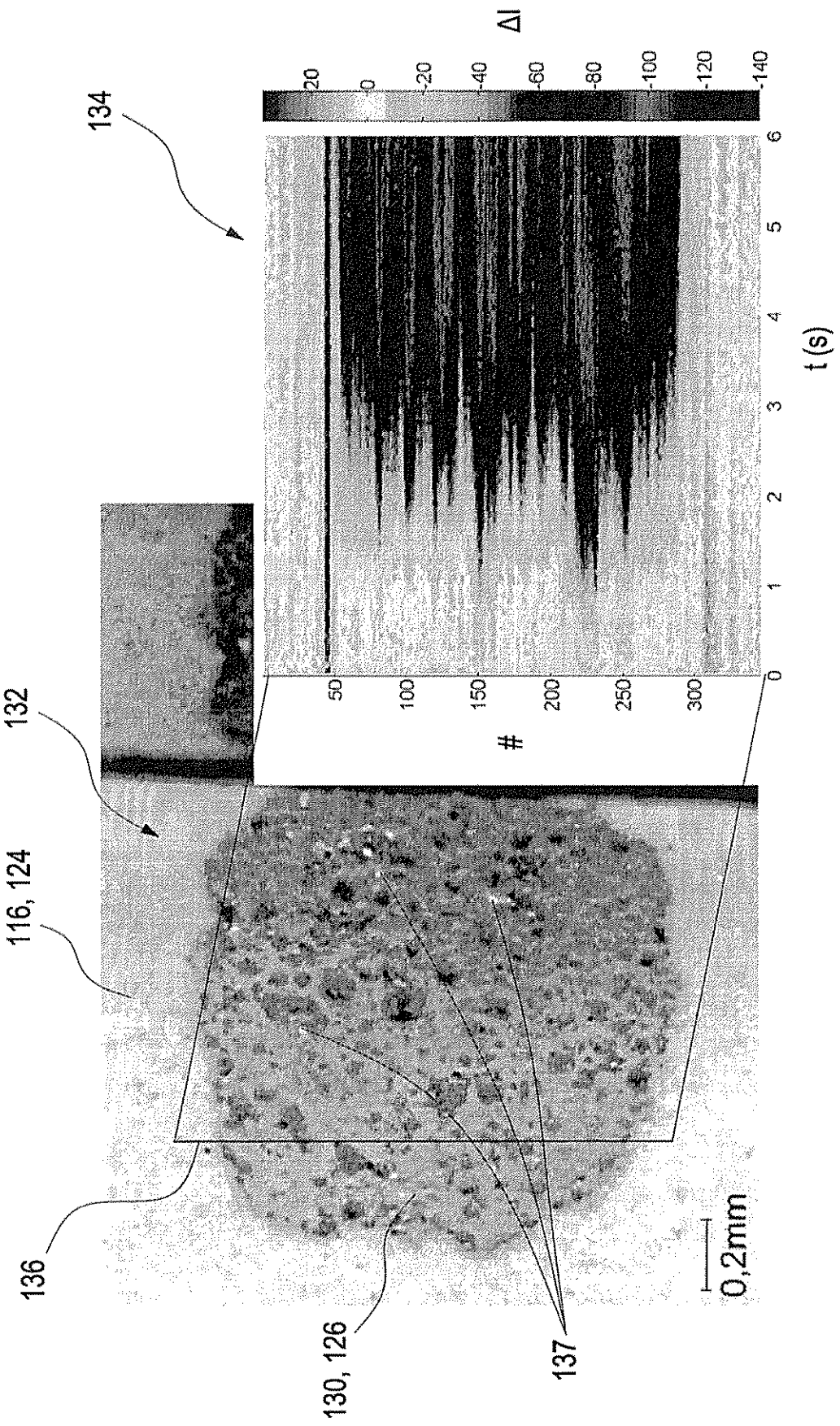
ΔI
20
0
-20
-40
-60
-80
-100
-120
-140
134
50
100
150
200
250
300
#
0
1
2
3
4
5
6
t (s)
132
116, 124
136
130, 126
137
0,2mm

Fig. 2 A

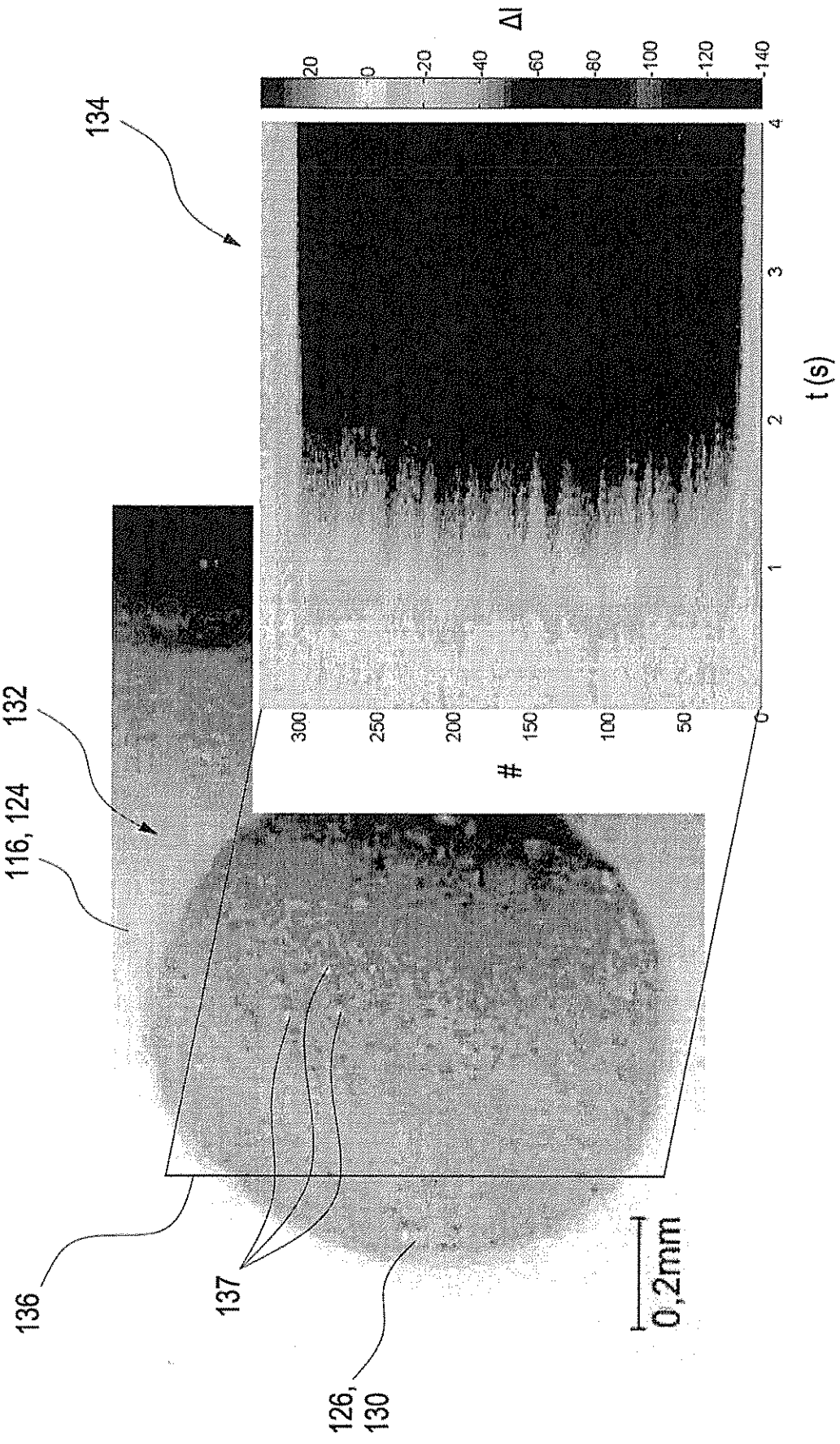
ΔI
20
0
-20
-40
-60
-80
-100
-120
-140
134
t (s)
0
1
2
3
4
#
300
250
200
150
100
50
0
132
116, 124
136
137
126,
130
0,2mm

Fig. 2 B

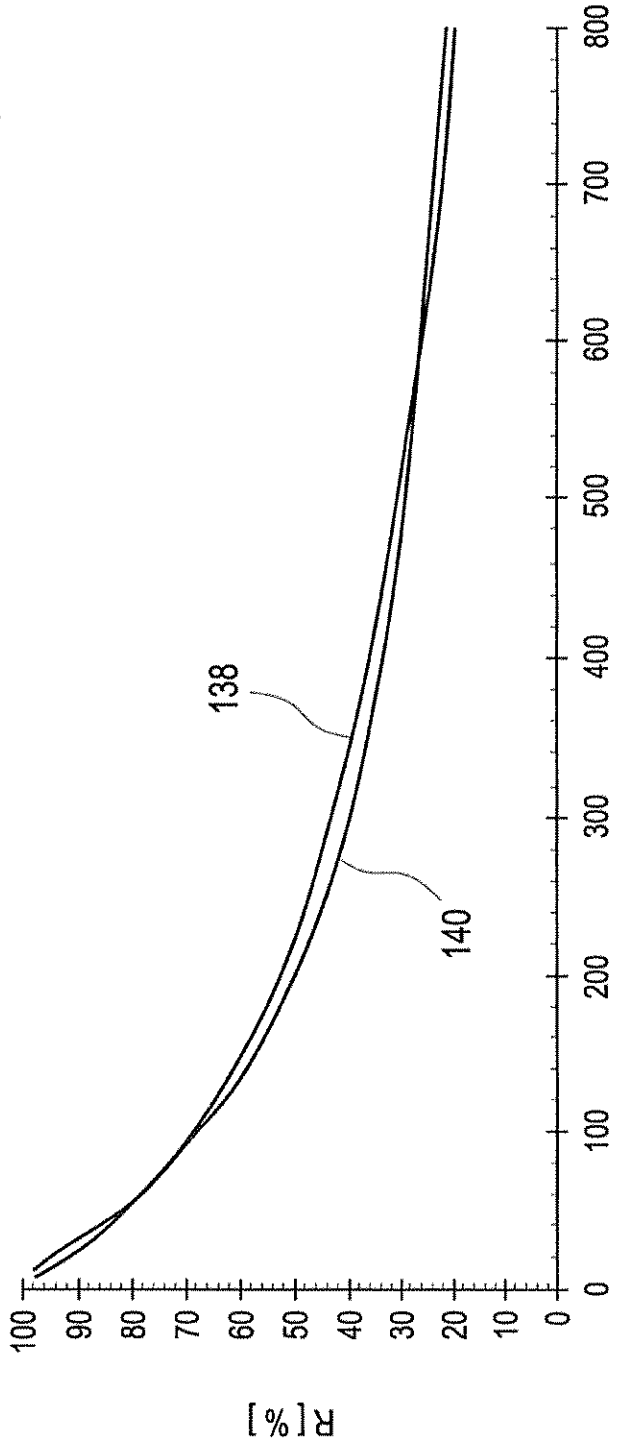
R [%]
100
90
80
70
60
50
40
30
20
10
0
0
100
200
300
400
500
600
700
800
c [mg/dl]
138
140

Fig. 3

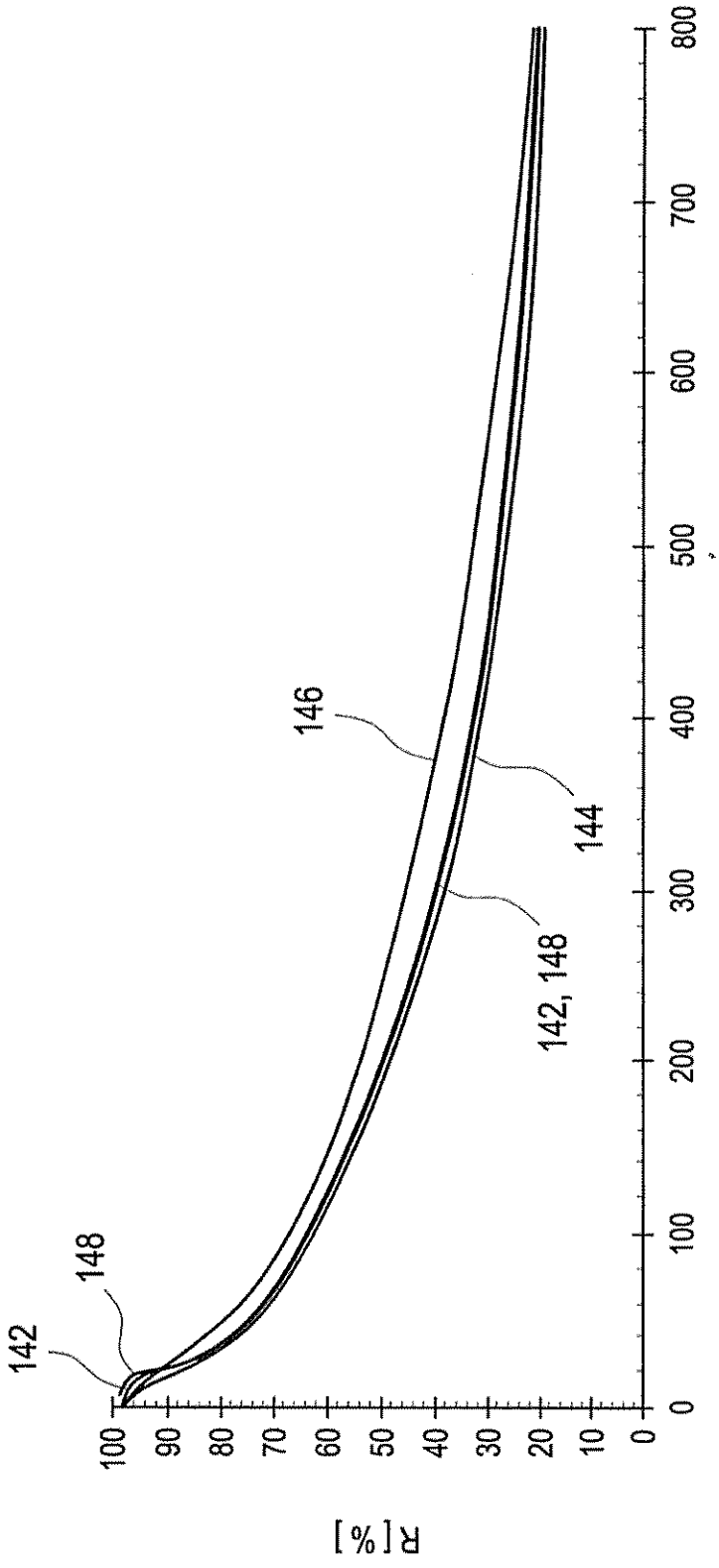
R [%]
100
90
80
70
60
50
40
30
20
10
0
0
100
200
300
400
500
600
700
800
c [mg/dl]
142
148
146
144
142, 148

Fig. 4

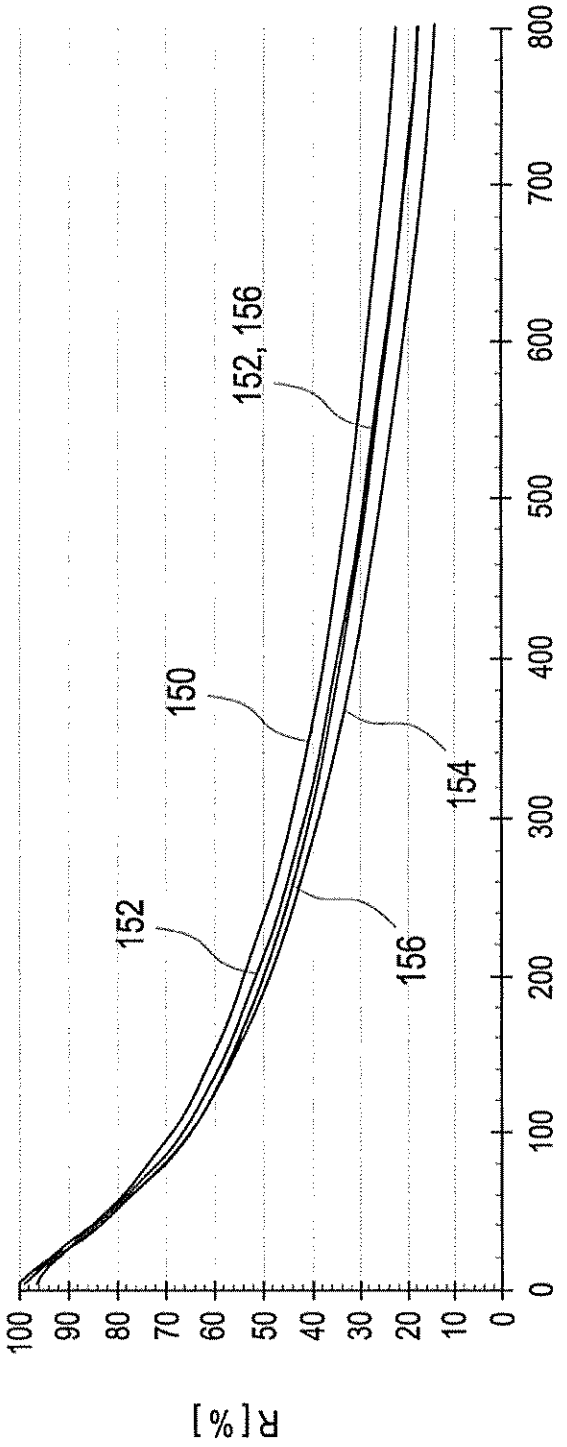
R [%]
100
90
80
70
60
50
40
30
20
10
0
0
100
200
300
400
500
600
700
800
c [mg/dl]
152
150
152, 156
154
156

Fig. 5

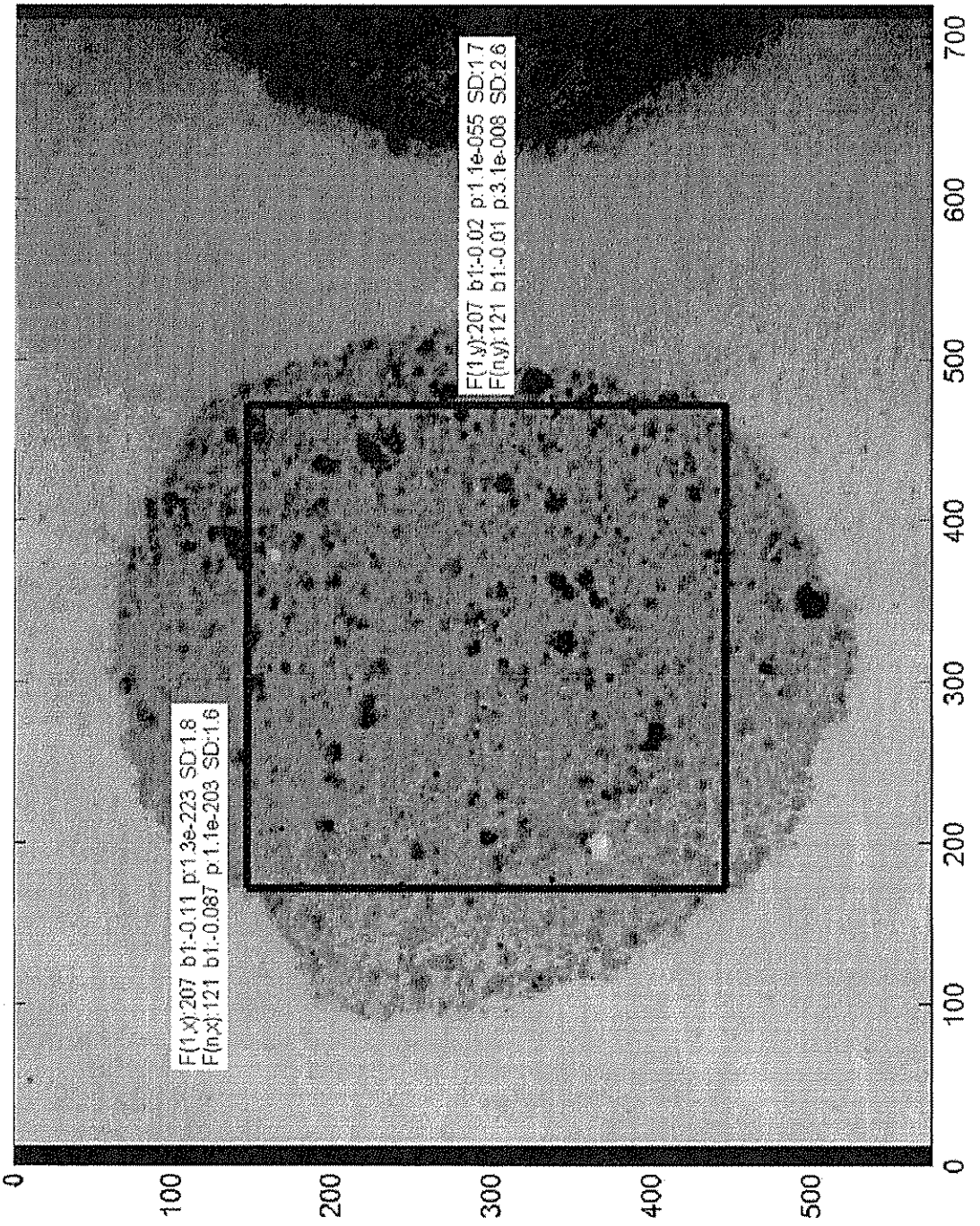
F(1,y):207 b1:-0.02 p:1.1e-055 SD:1.7
F(n,y):121 b1:-0.01 p:3.1e-008 SD:2.6
F(1,x):207 b1:-0.11 p:1.3e-223 SD:1.8
F(n,x):121 b1:-0.087 p:1.1e-203 SD:1.6
0
100
200
300
400
500
600
700

Fig. 6 A

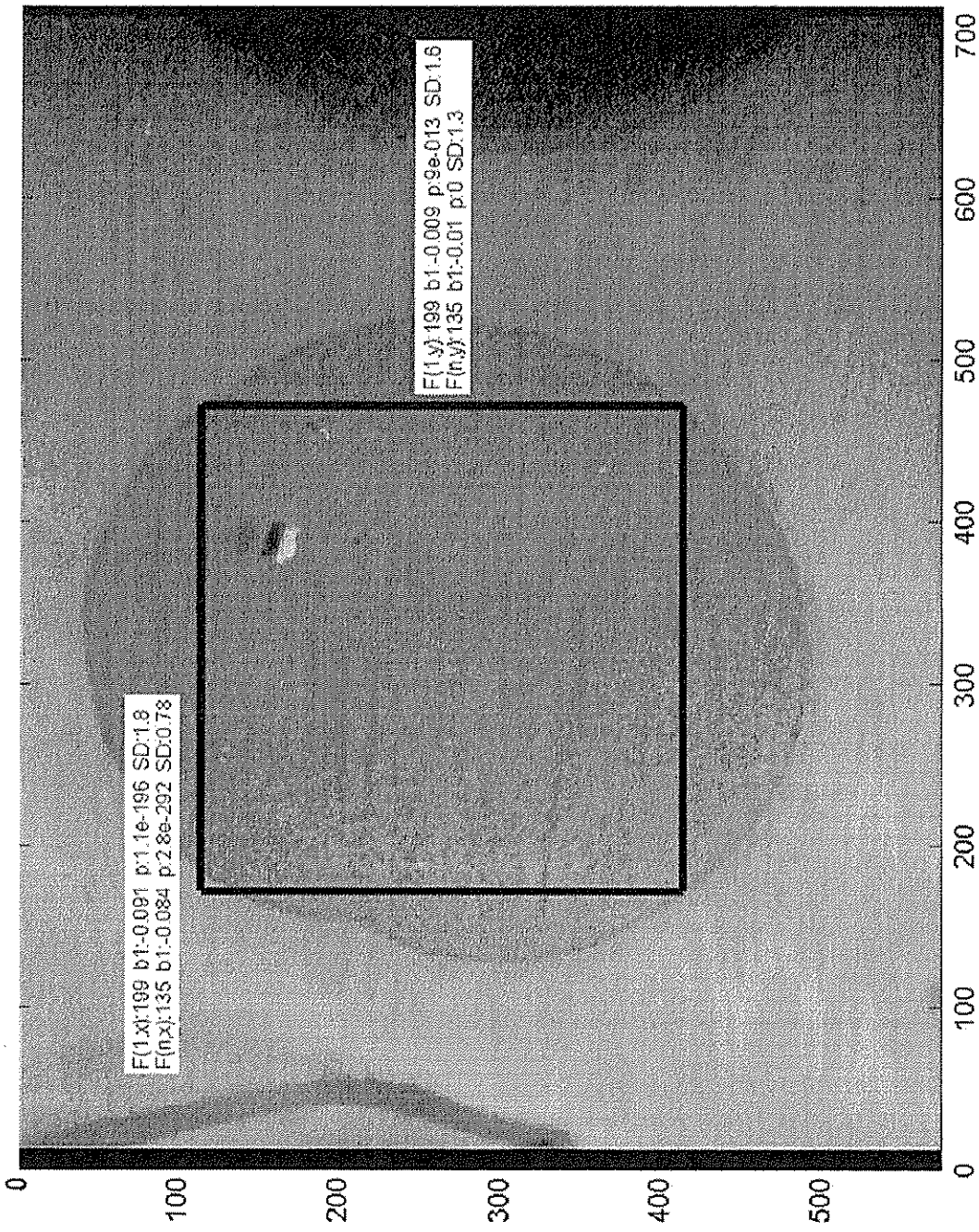
F(1,x)199 b1:-0.091 p:1.1e-196 SD:1.8
F(n,x)135 b1:-0.084 p:2.8e-292 SD:0.78
F(1,y)199 b1:-0.009 p:9e-013 SD:1.6
F(n,y)135 b1:-0.01 p:0 SD:1.3
0
100
200
300
400
500
0
100
200
300
400
500
600
700

Fig. 6 B

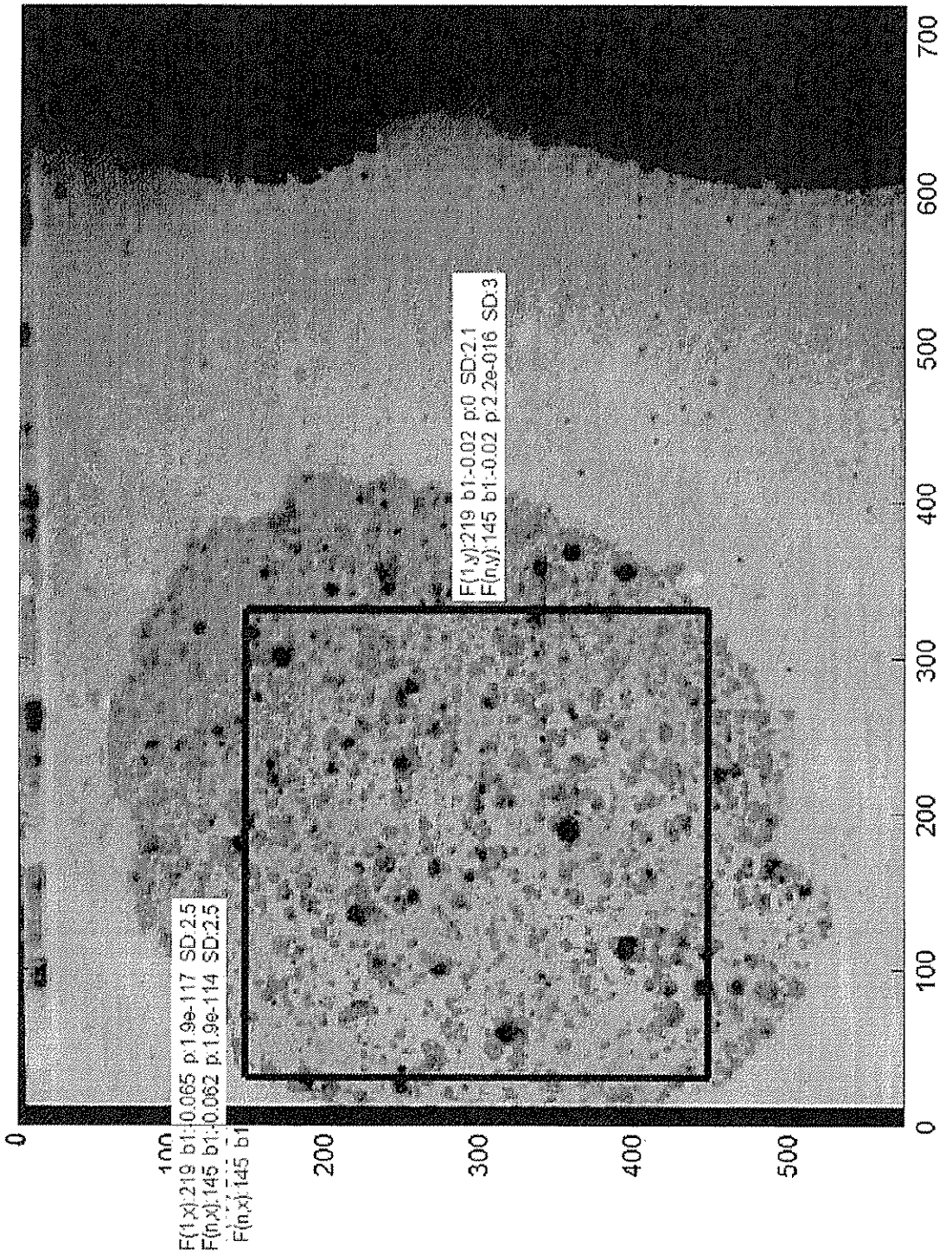
F(1,y):219 b1:-0.02 p:0 SD:2.1
F(n,y):145 b1:-0.02 p:2.2e-016 SD:3
F(1,x):219 b1:0.065 p:1.9e-117 SD:2.5
F(n,x):145 b1:0.062 p:1.9e-114 SD:2.5
0
100
200
300
400
500
0
100
200
300
400
500
600
700

Fig. 6 C

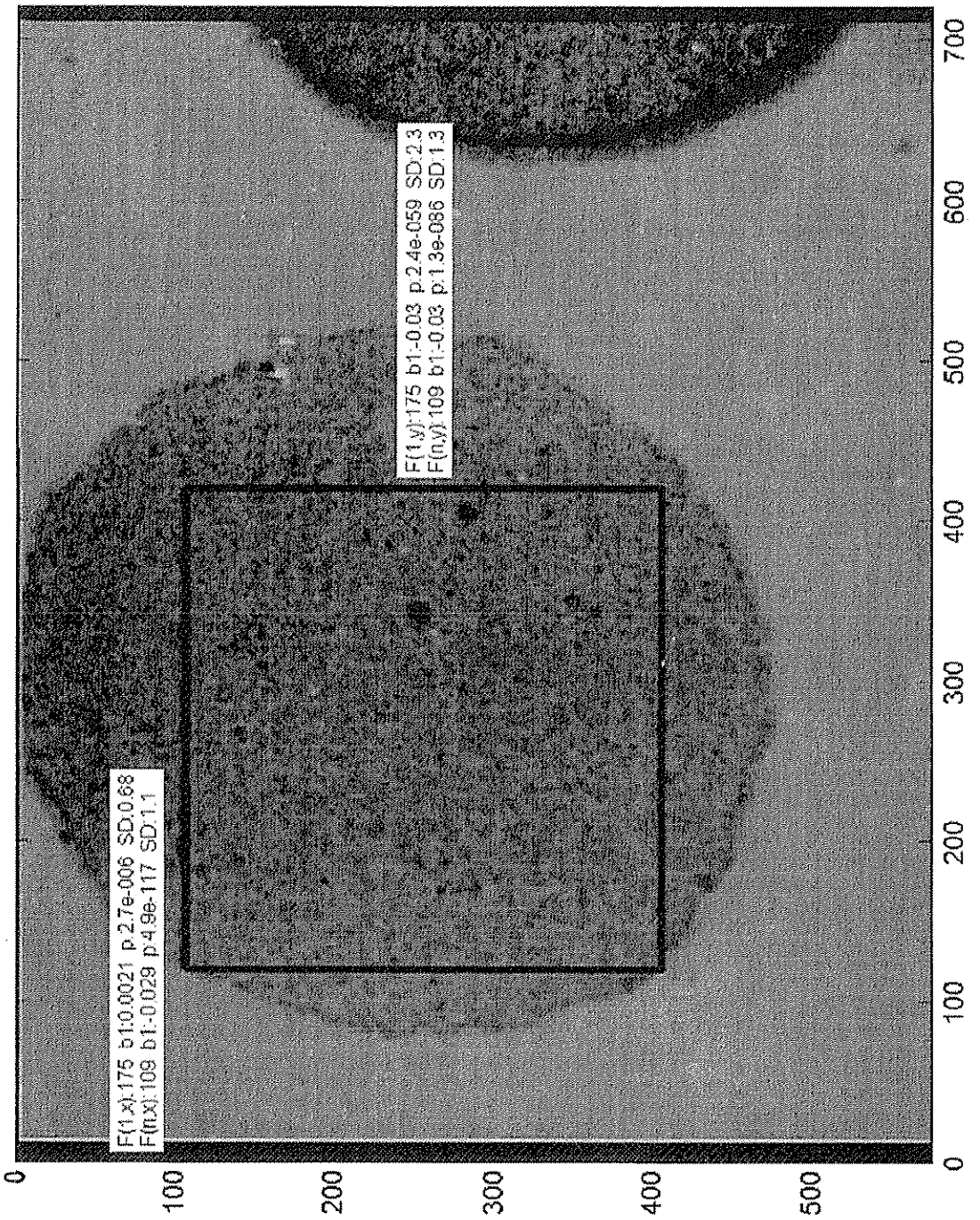
F(1,x)175 b1:0.0021 p:2.7e-006 SD:0.68
F(n,x)109 b1:-0.029 p:4.9e-117 SD:1.1
F(1,y)175 b1:-0.03 p:2.4e-059 SD:2.3
F(n,y)109 b1:-0.03 p:1.3e-086 SD:1.3
0
100
200
300
400
500
0
100
200
300
400
500
600
700

Fig. 6 D

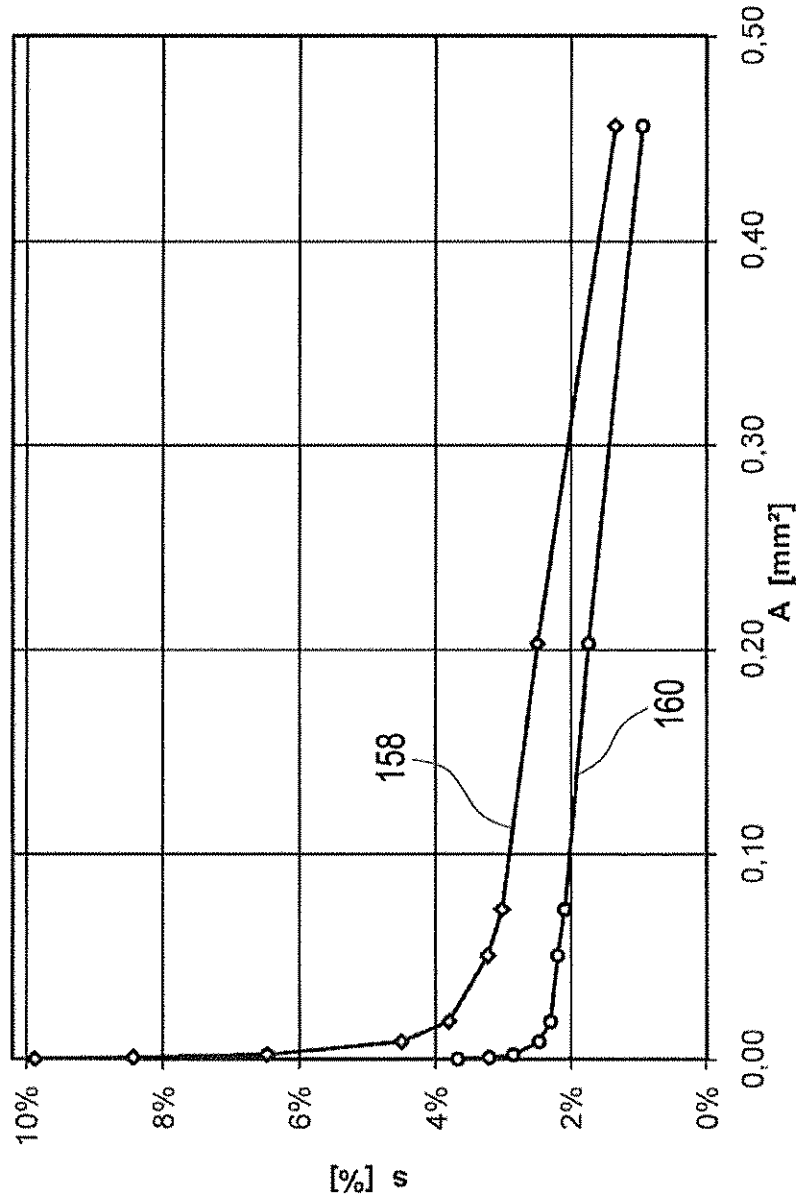

Fig. 7 A

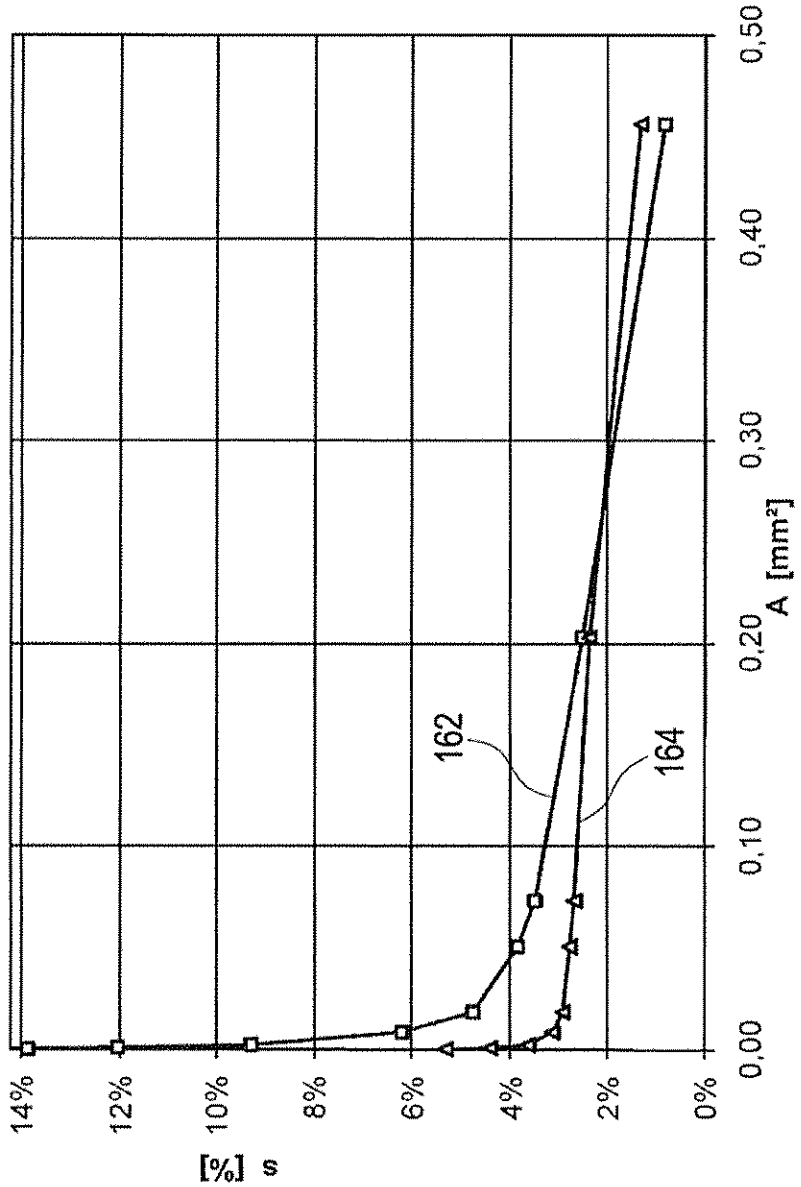

Fig. 7 B

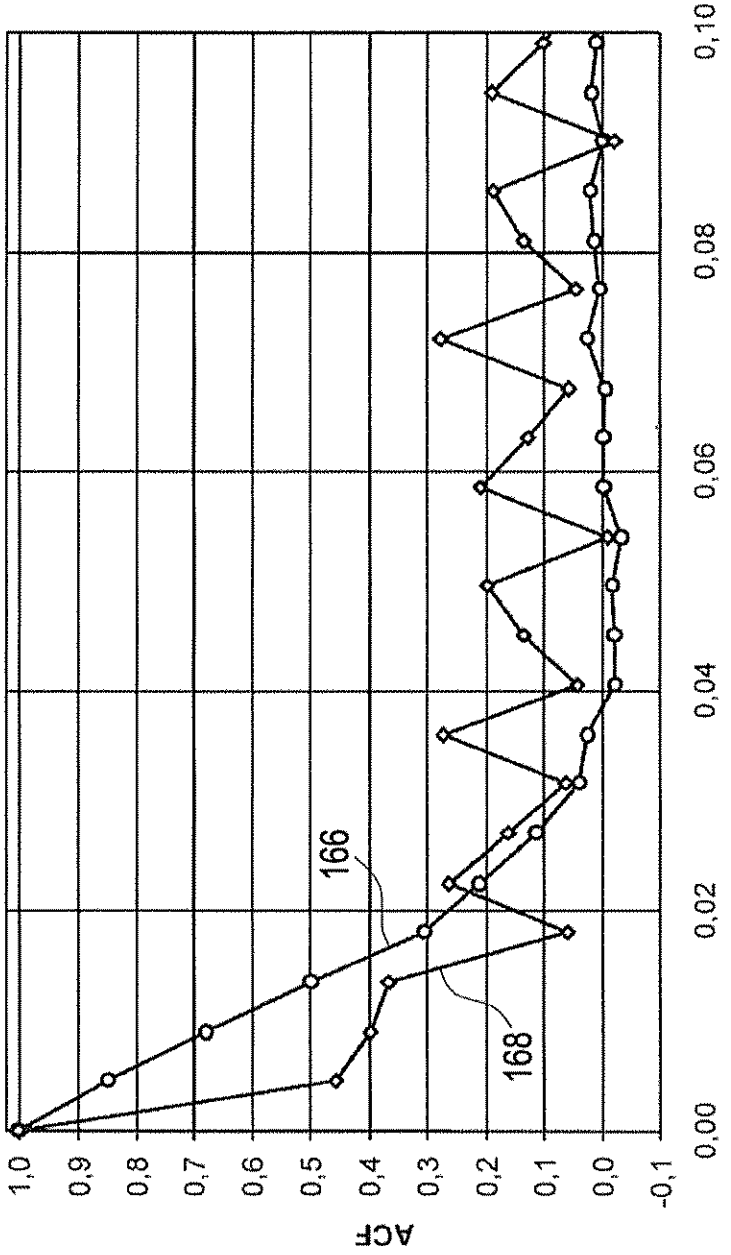
ACF
1,0
0,9
0,8
0,7
0,6
0,5
0,4
0,3
0,2
0,1
0,0
-0,1
0,00
0,02
0,04
0,06
0,08
0,10
τ [mm]
166
168

Fig. 8 A

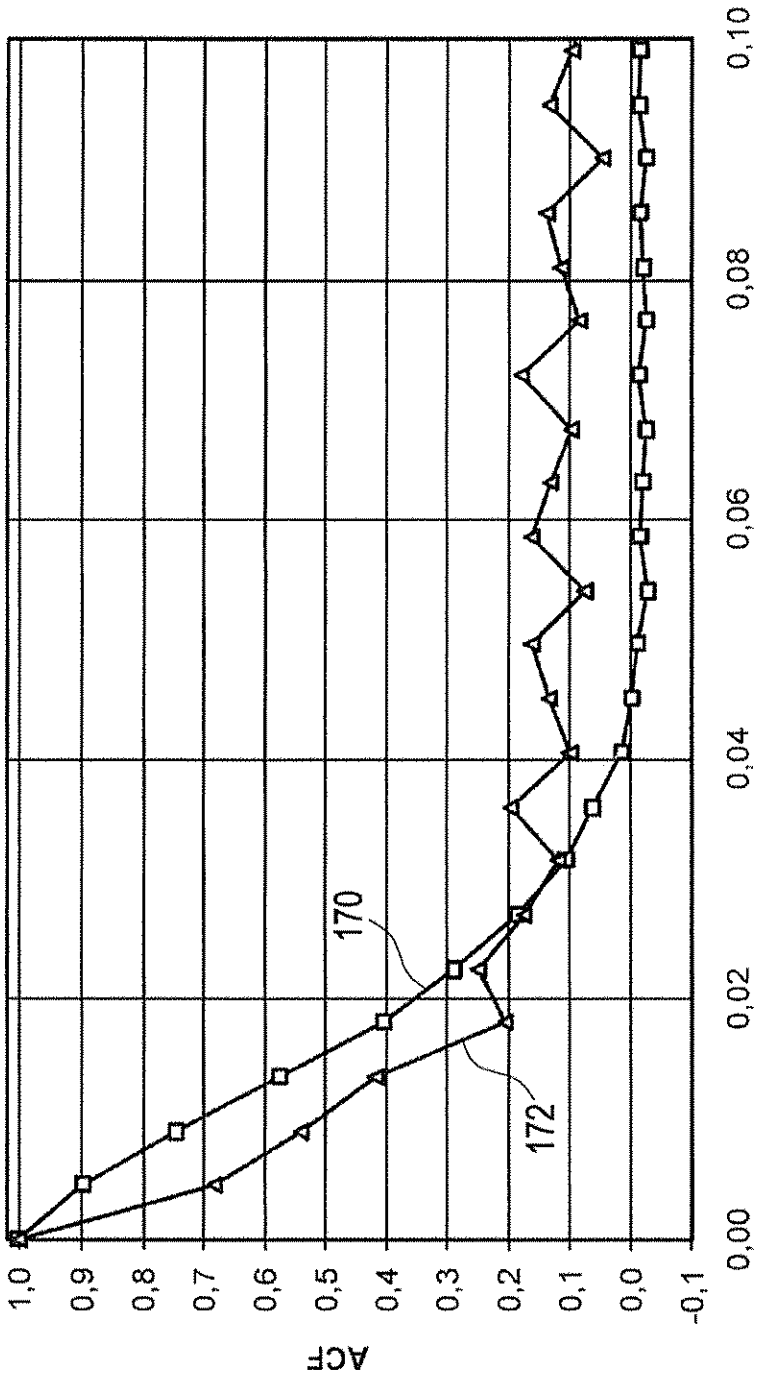
ACF
1,0
0,9
0,8
0,7
0,6
0,5
0,4
0,3
0,2
0,1
0,0
-0,1
0,00
0,02
0,04
0,06
0,08
0,10
τ [mm]
170
172

Fig. 8 B