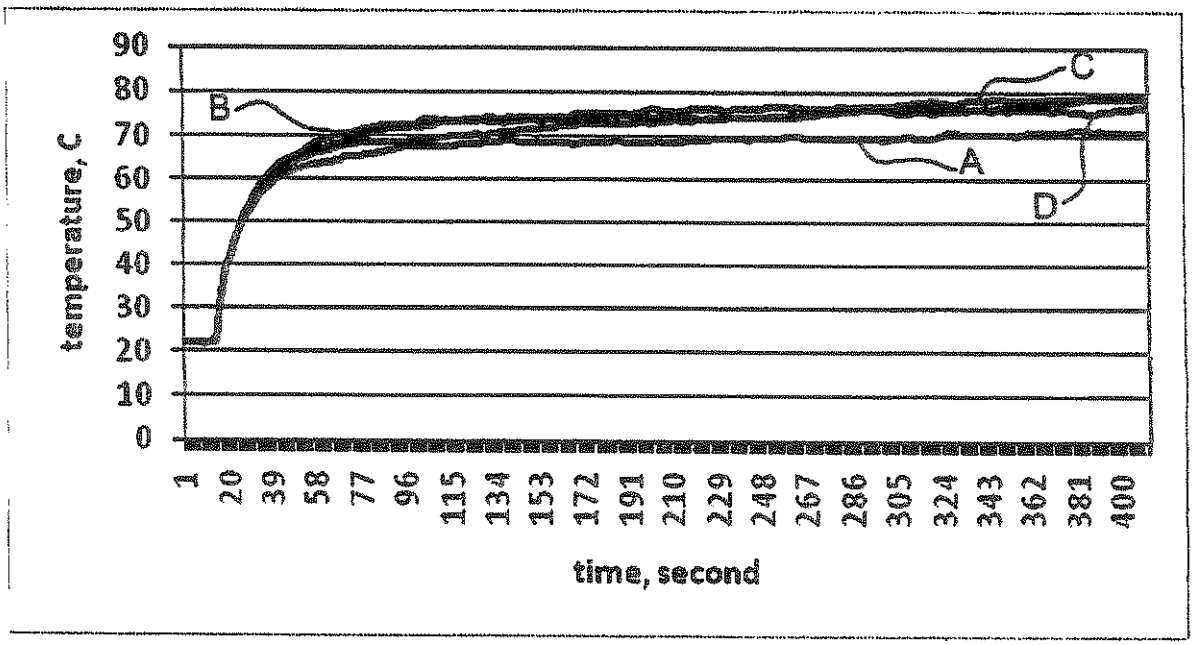

90
80
70
60
50
40
30
20
10
0
temperature, C
B
C
A
D
1
20
39
58
77
96
115
134
153
172
191
210
229
248
267
286
305
324
343
362
381
400
time, second

FIG. 1

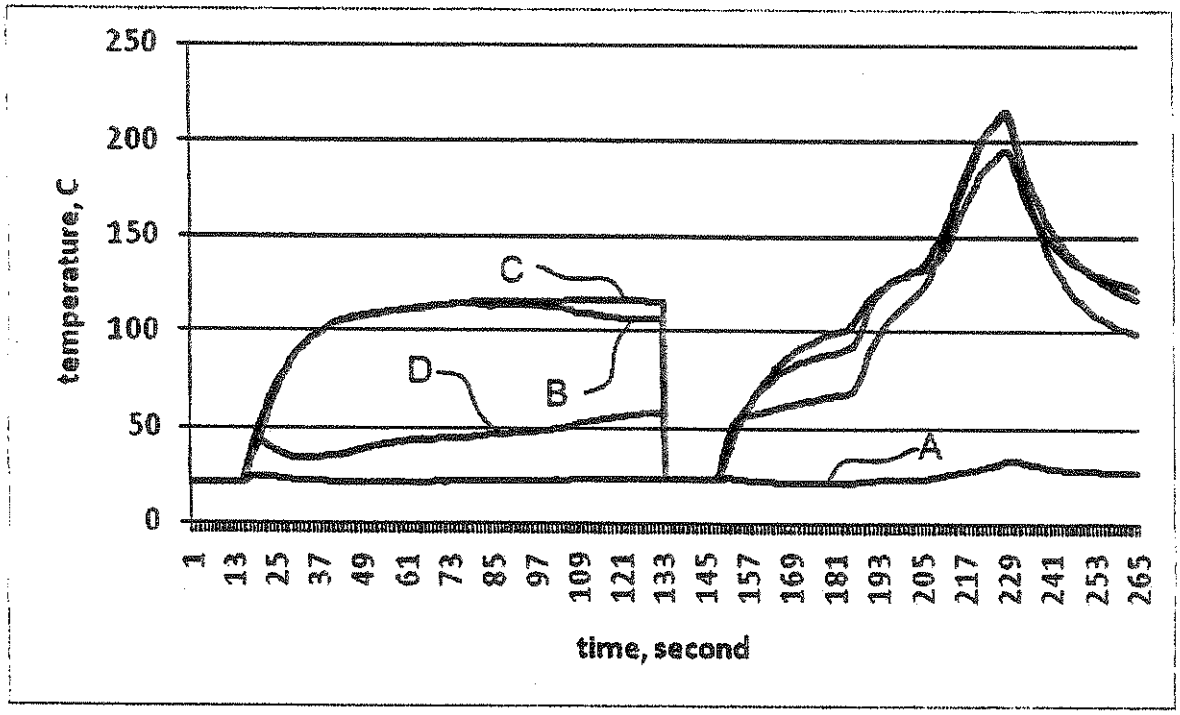

250
200
150
100
50
0
temperature, C
C
D
B
A
1
13
25
37
49
61
73
85
97
109
121
133
145
157
169
181
193
205
217
229
241
253
265
time, second

FIG. 2

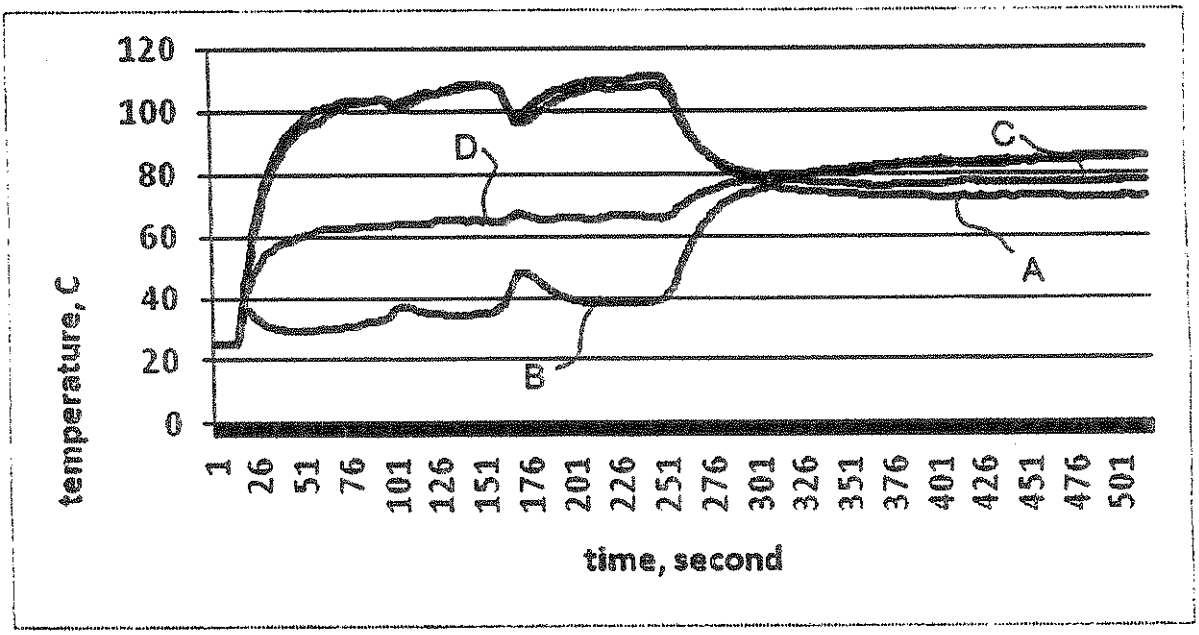

120
100
80
60
40
20
0
temperature, C
1
26
51
76
101
126
151
176
201
226
251
276
301
326
351
376
401
426
451
476
501
time, second
A
B
C
D

FIG. 3