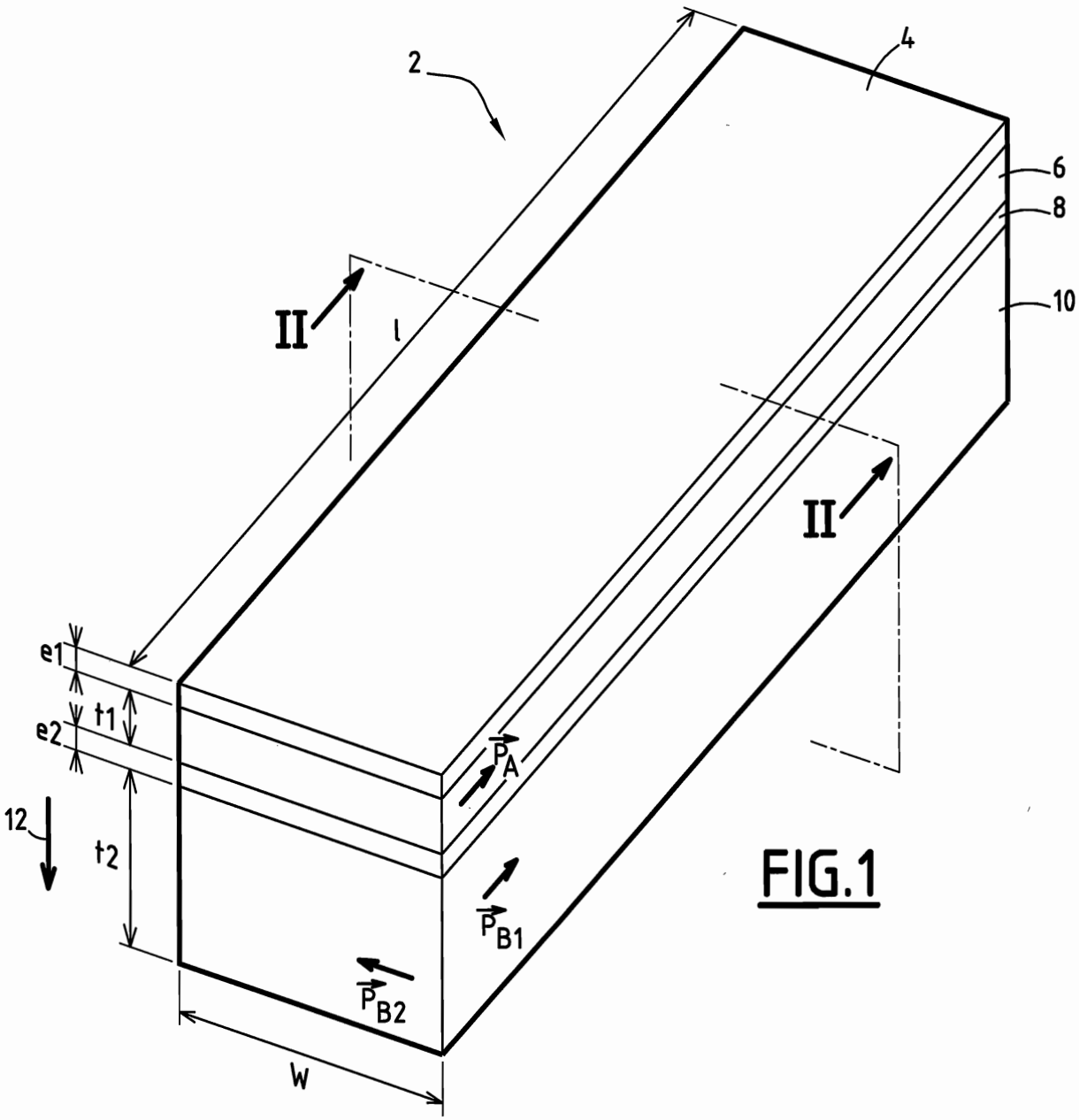


FIG.1

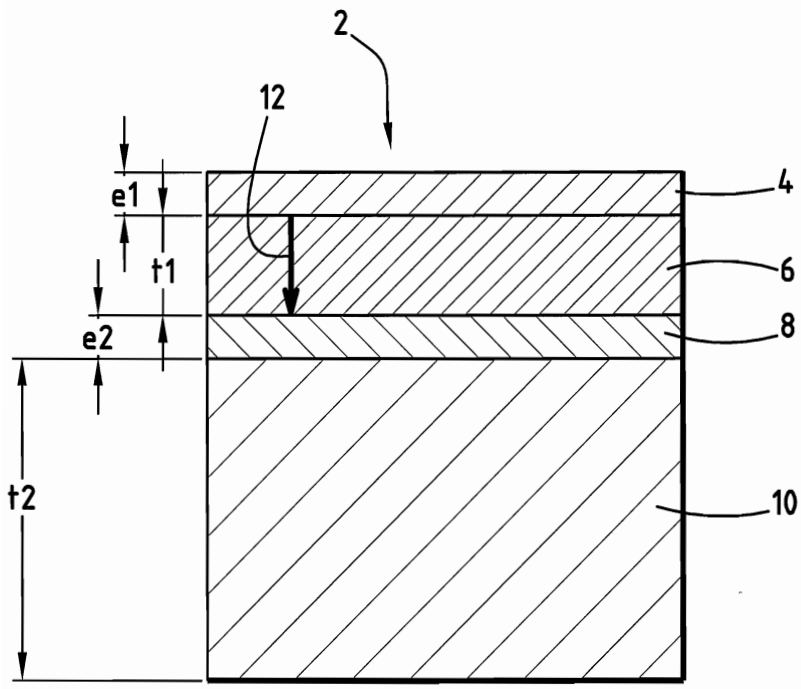


FIG.2

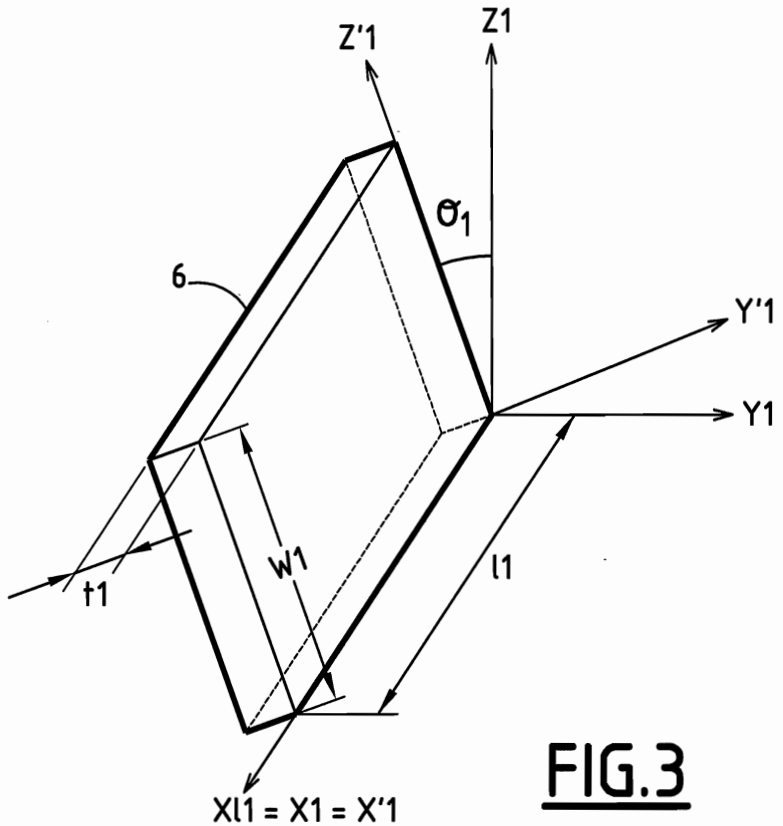

Z'1
Z1
θ1
6
Y'1
Y1
W1
t1
l1
Xl1 = X1 = X'1

FIG.3

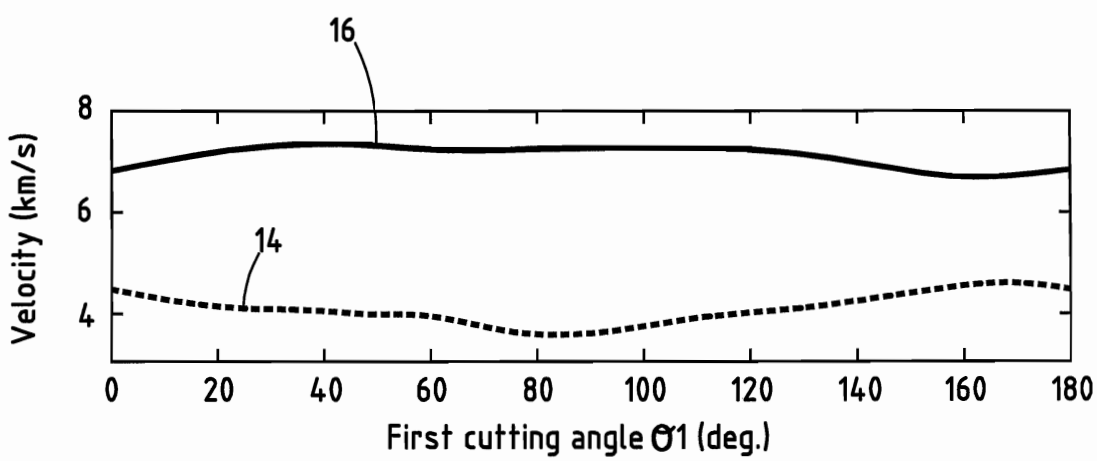

16
14
8
6
4
Velocity (km/s)
0
20
40
60
80
100
120
140
160
180
First cutting angle θ1 (deg.)

FIG.4

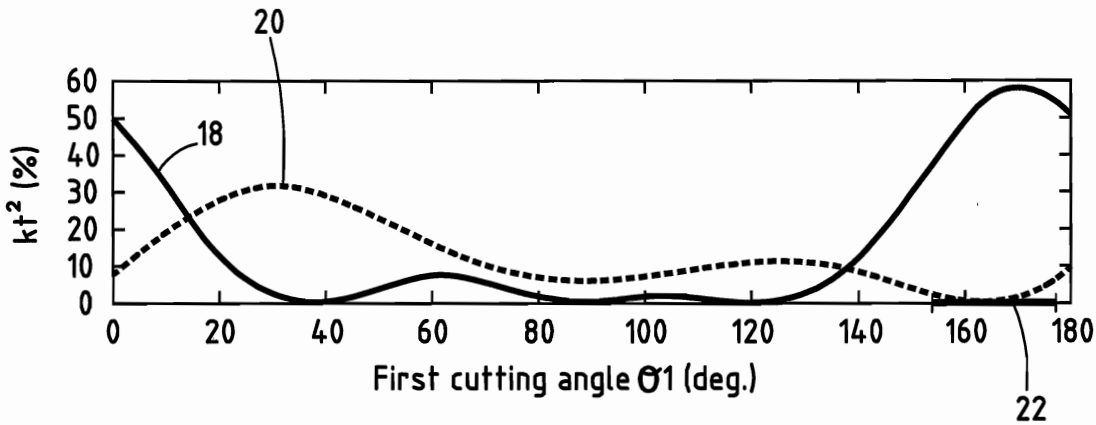

20
18
60
50
40
30
20
10
0
kt^2 (%)
0
20
40
60
80
100
120
140
160
180
First cutting angle σ1 (deg.)
22

FIG.5

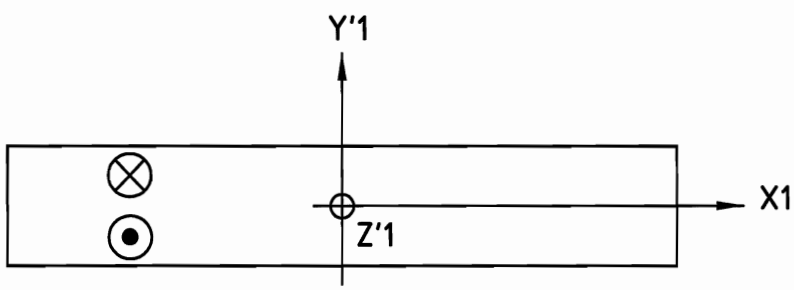

Y'1
X1
Z'1

FIG.6

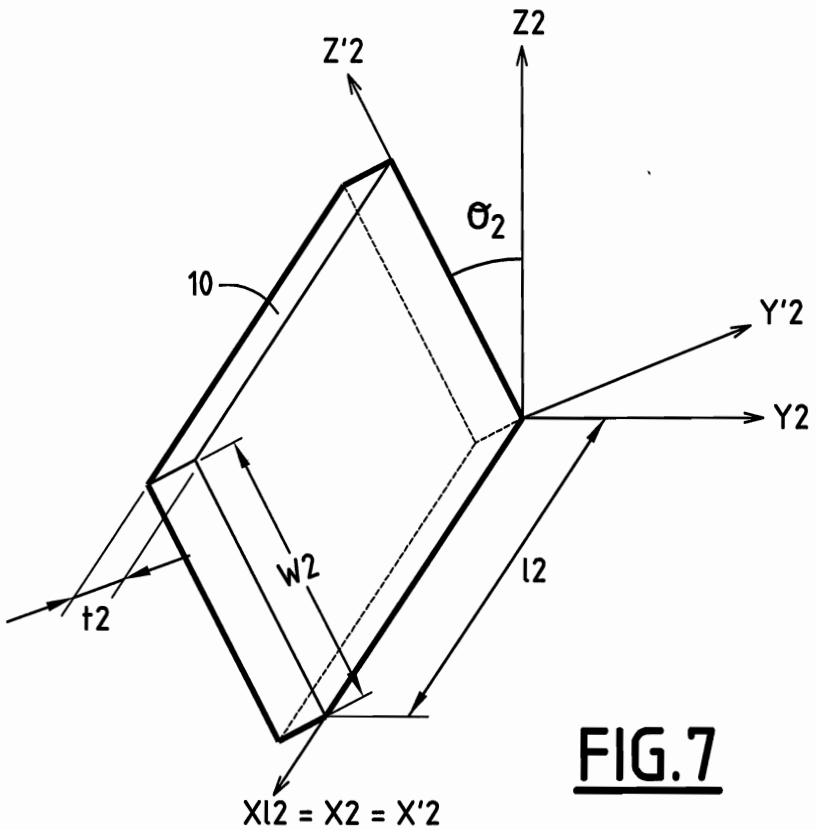


FIG.7

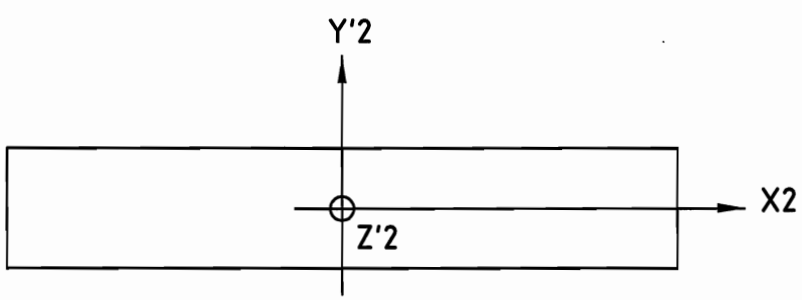


FIG.8

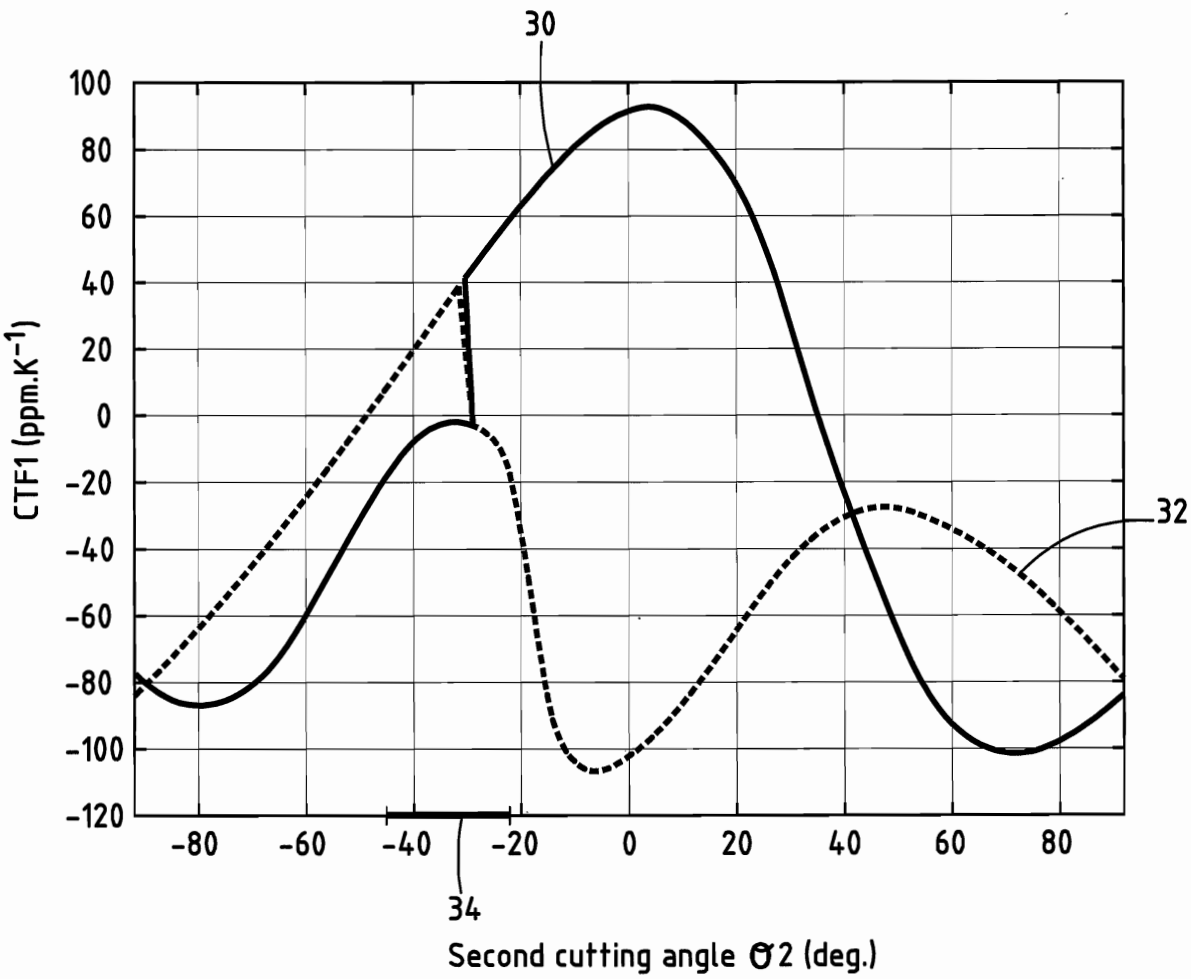

30
32
34
100
80
60
40
20
0
-20
-40
-60
-80
-100
-120
-80
-60
-40
-20
0
20
40
60
80
CTF1 (ppm.K^{-1})
Second cutting angle θ2 (deg.)

FIG.9

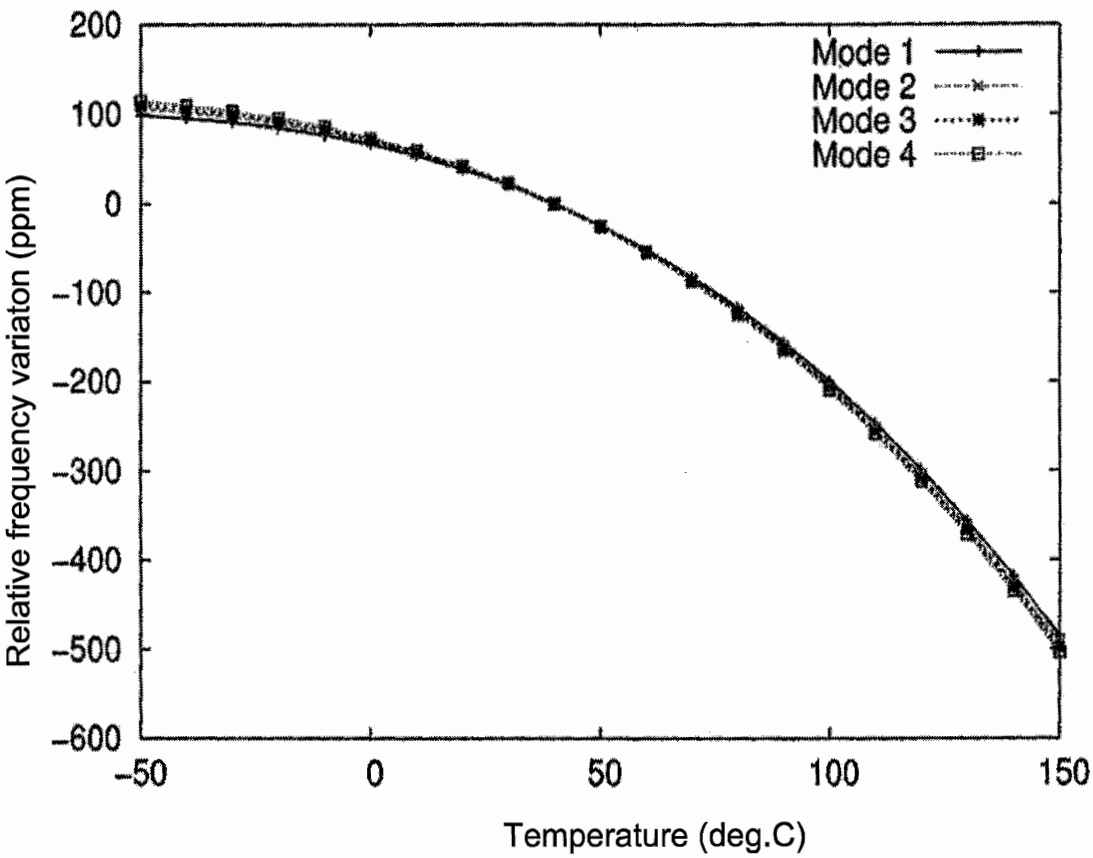

Mode 1
Mode 2
Mode 3
Mode 4
Relative frequency variaton (ppm)
200
100
0
-100
-200
-300
-400
-500
-600
-50
0
50
100
150
Temperature (deg.C)

FIG.10

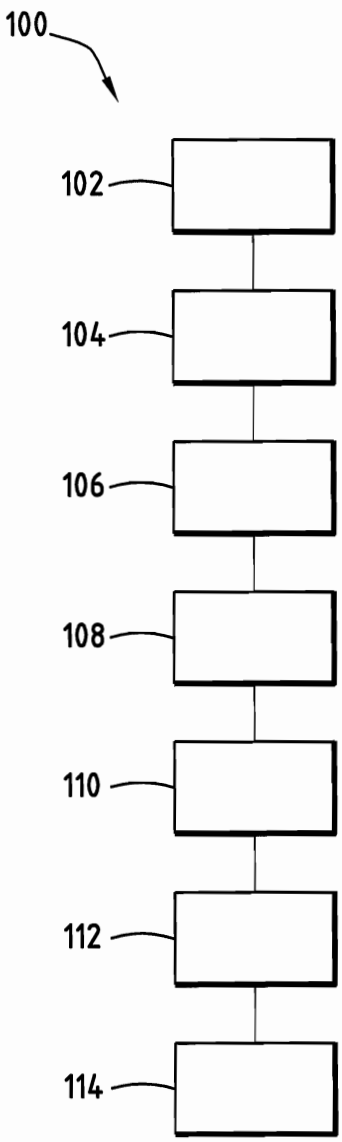


FIG.11