Fig. 1

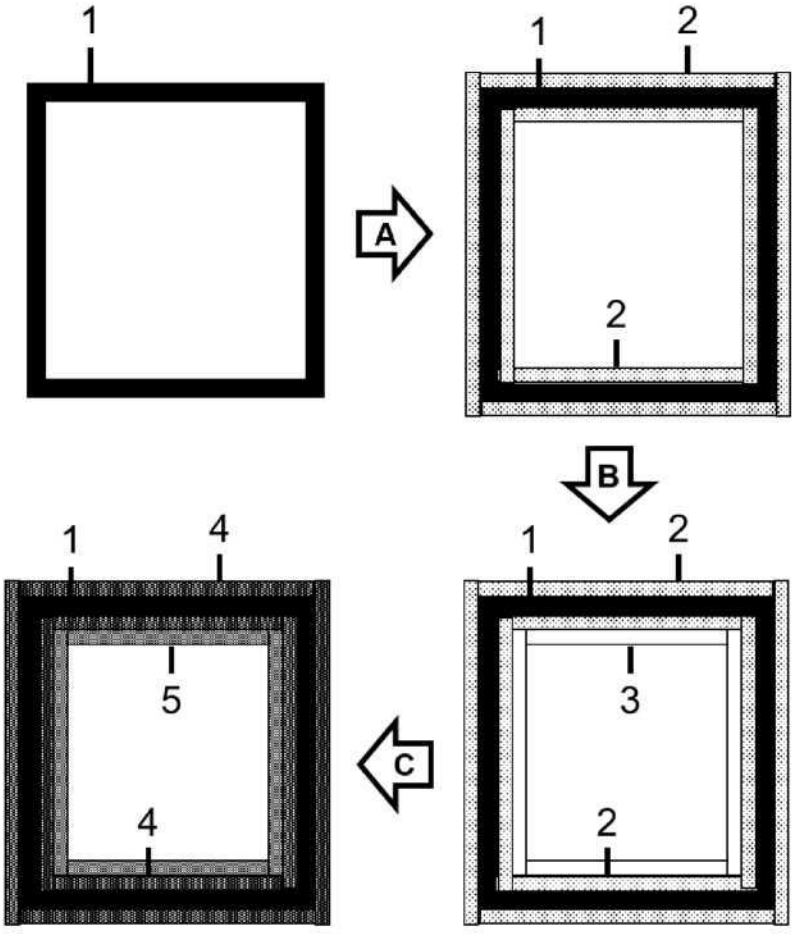

1
1
2
A
2
B
1
4
1
2
5
3
C
4
2

Fig. 2

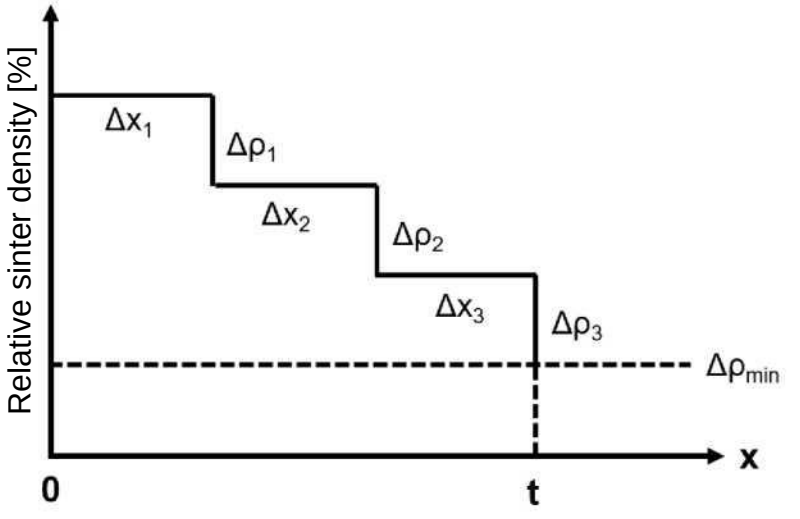

Relative sinter density [%]
Δx1
Δρ1
Δx2
Δρ2
Δx3
Δρ3
Δρmin
x
0
t

Fig. 3

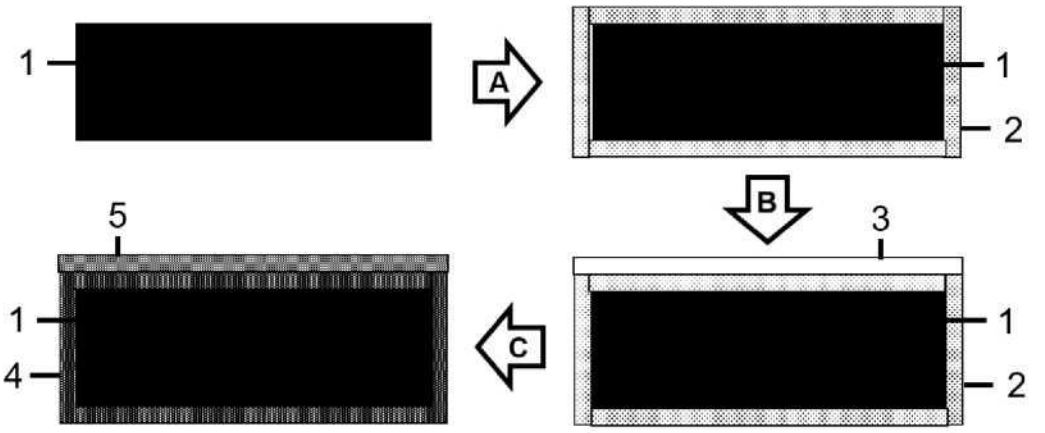

1
A
1
2
B
3
5
1
4
C
1
2

Fig. 4

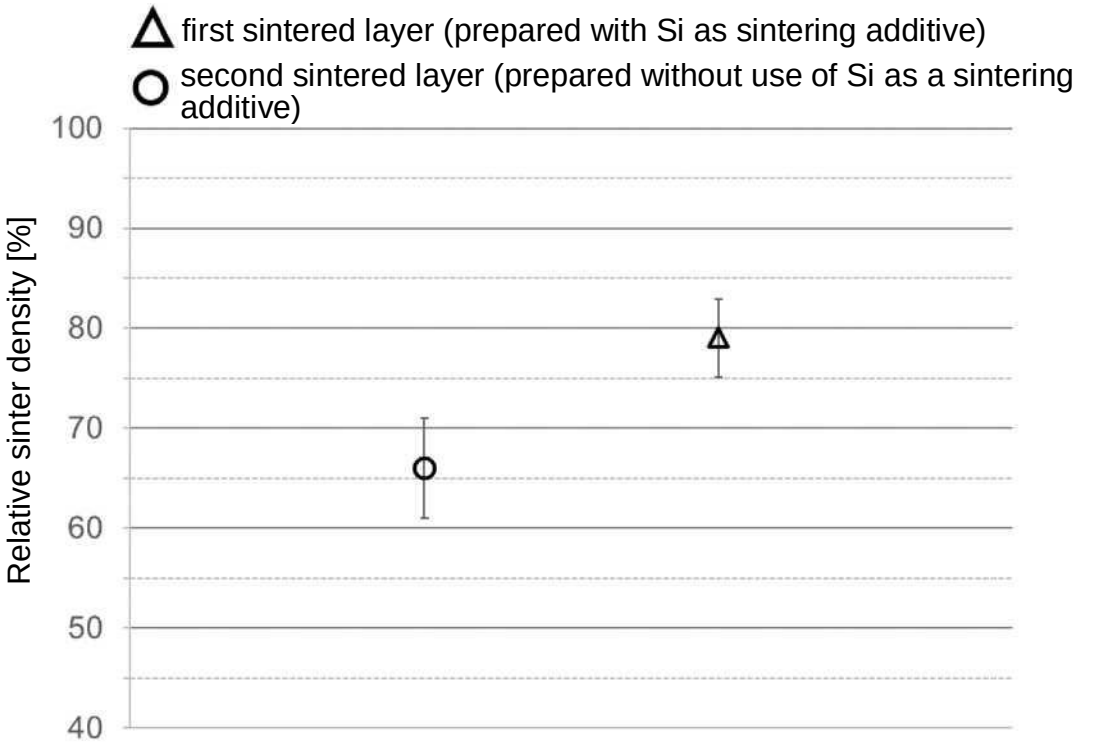
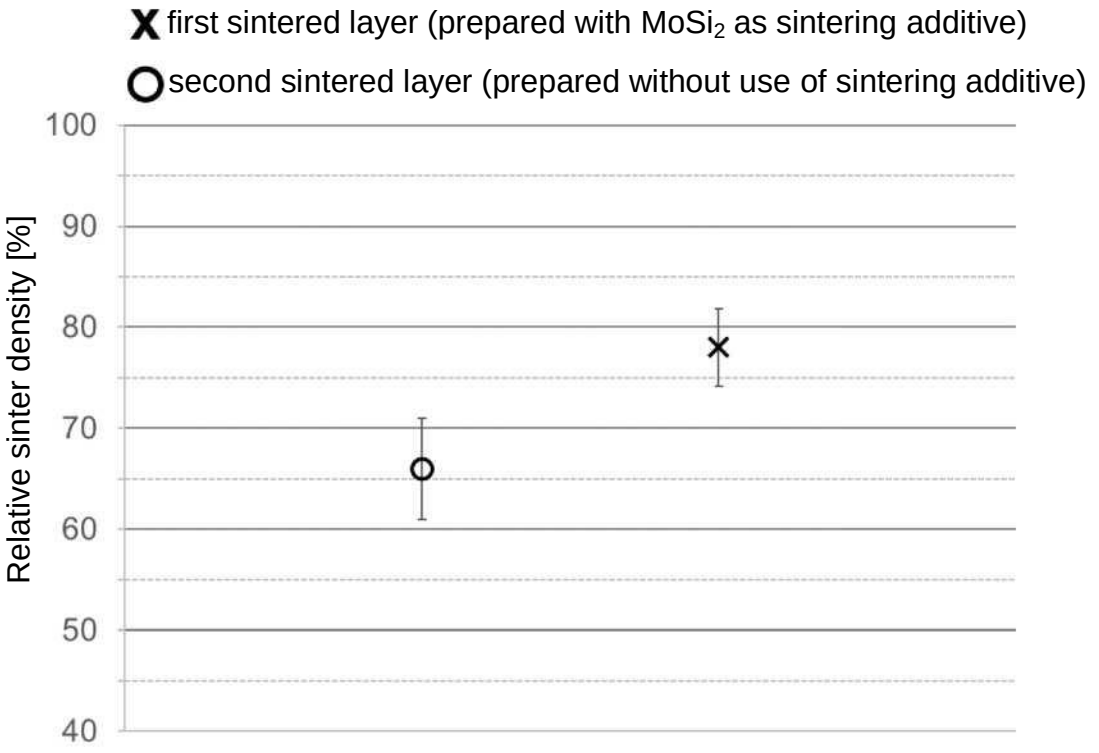

first sintered layer (prepared with Si as sintering additive)
second sintered layer (prepared without use of Si as a sintering additive)
Relative sinter density [%]
100
90
80
70
60
50
40

Fig. 5


X first sintered layer (prepared with $MoSi_2$ as sintering additive)
O second sintered layer (prepared without use of sintering additive)
Relative sinter density [%]
100
90
80
70
60
50
40