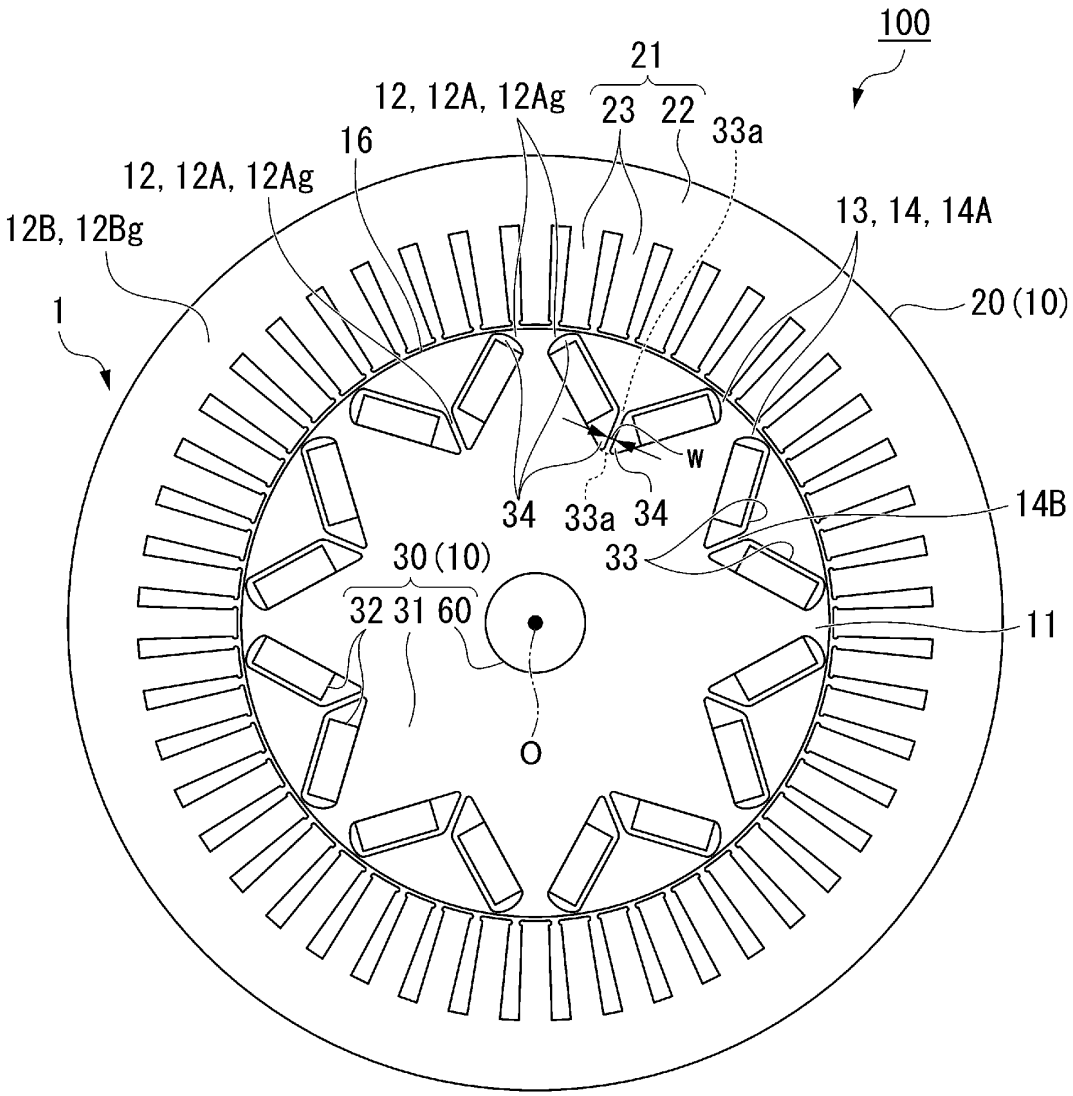
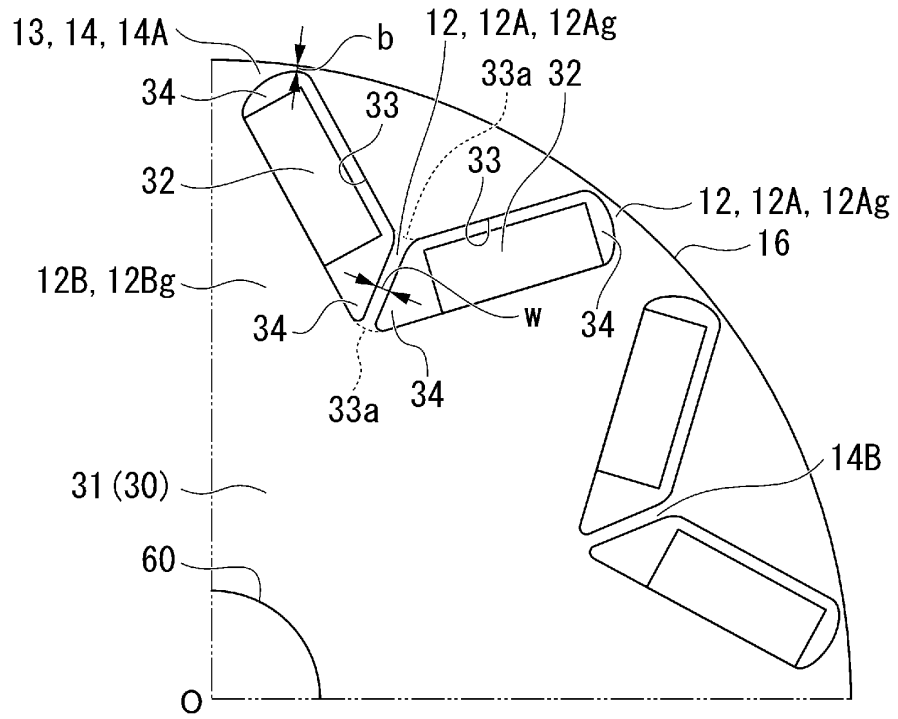
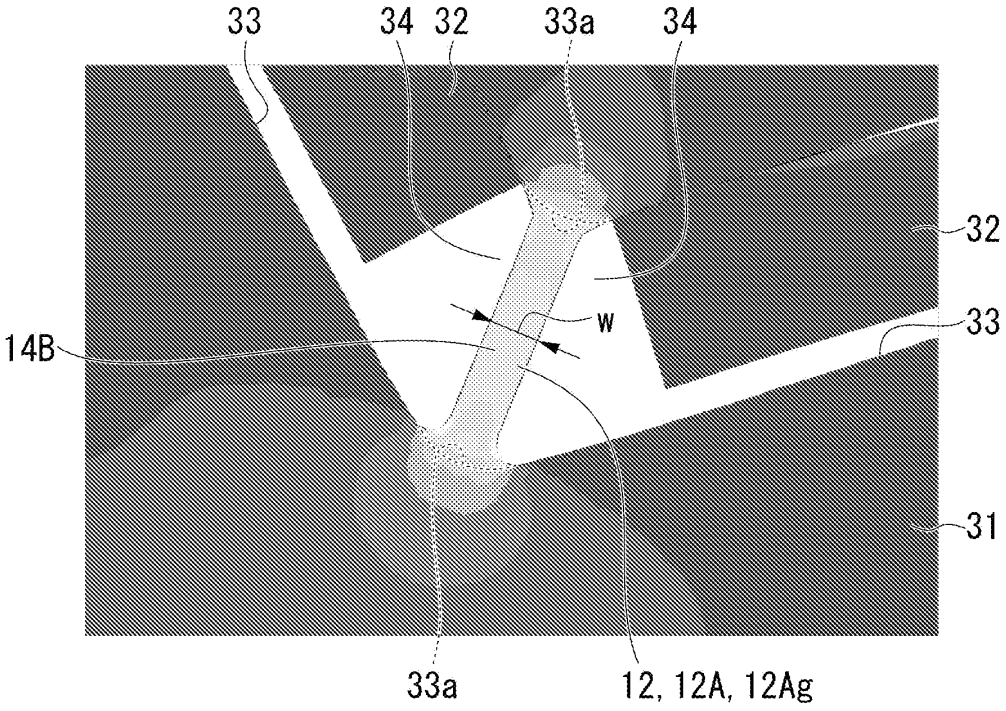
[図1]


100
21
23
22
12, 12A, 12Ag
16
12, 12A, 12Ag
33a
12B, 12Bg
13, 14, 14A
1
20 (10)
W
34
33a
34
14B
30 (10)
33
32 31 60
11
O

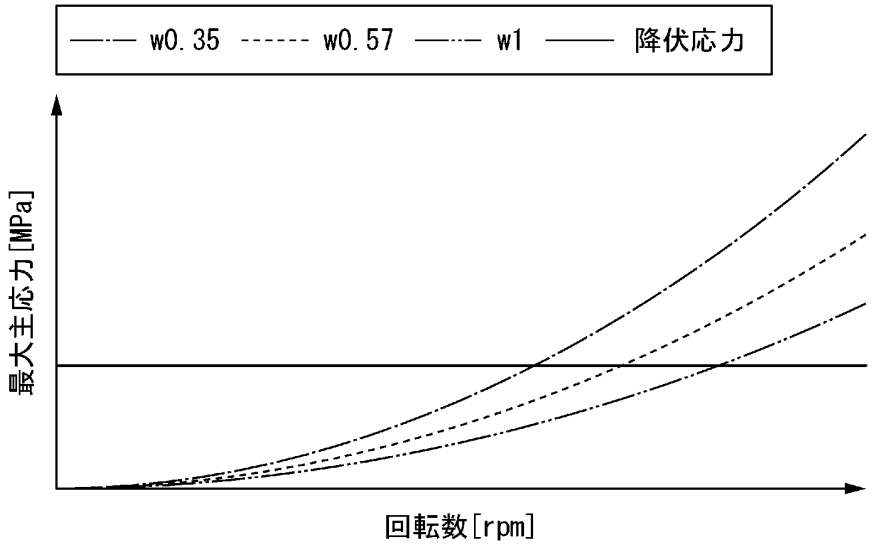
[図2]


13, 14, 14A
b
12, 12A, 12Ag
33a
32
34
33
32
33
12, 12A, 12Ag
16
12B, 12Bg
34
W
34
33a
34
14B
31 (30)
60
O

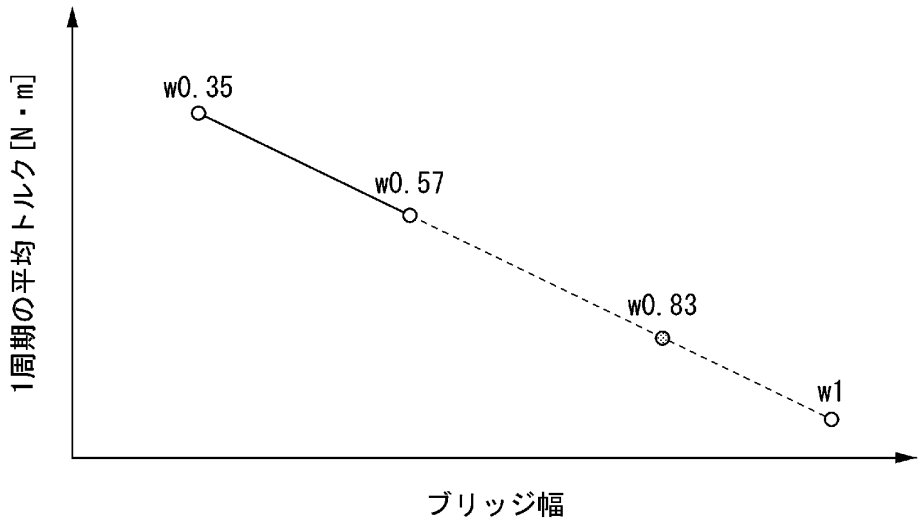
[図3]


33
34
32
33a
34
32
W
14B
33
31
33a
12, 12A, 12Ag

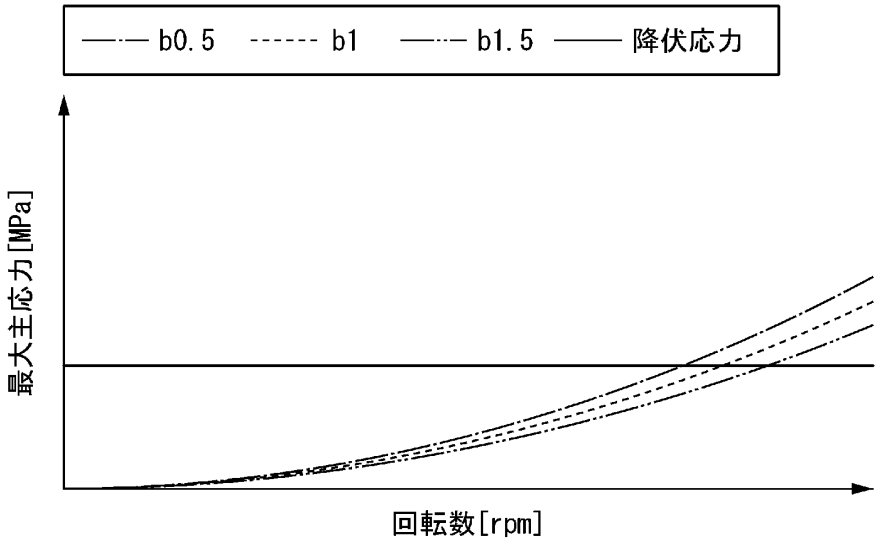
[図4]


w0.35
w0.57
w1
降伏応力
最大主応力[MPa]
回転数[rpm]

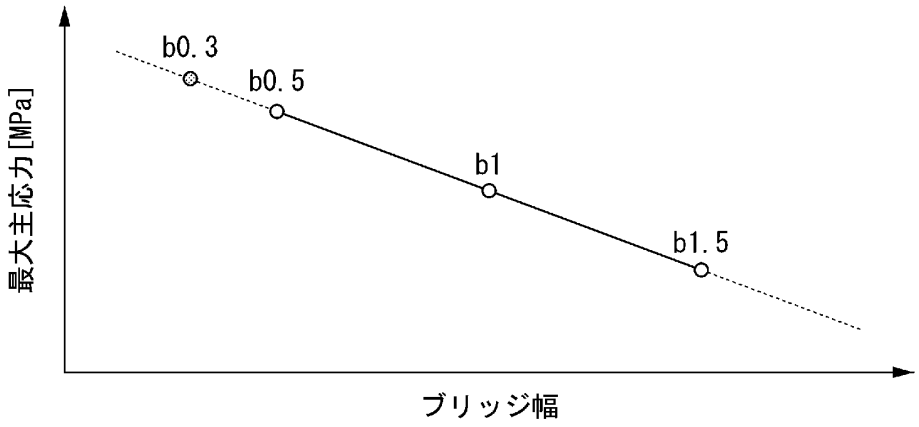
[図5]


w0.35
w0.57
w0.83
w1
1周期の平均トルク[N・m]
ブリッジ幅

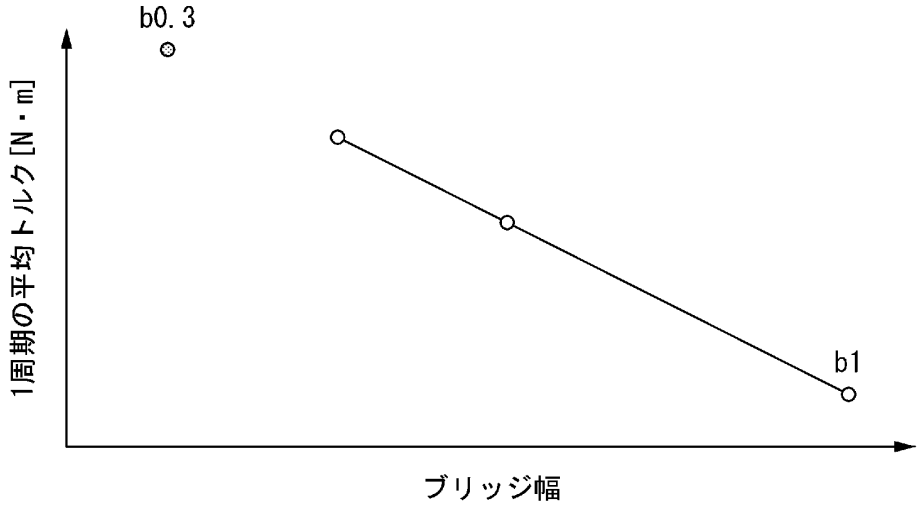
[図6]


b0.5
b1
b1.5
降伏応力
最大主応力[MPa]
回転数[rpm]

[図7]


b0.3
b0.5
b1
b1.5
最大主応力[MPa]
ブリッジ幅

[図8]


b0.3
b1
1周期の平均トルク[N・m]
ブリッジ幅

[図9]

