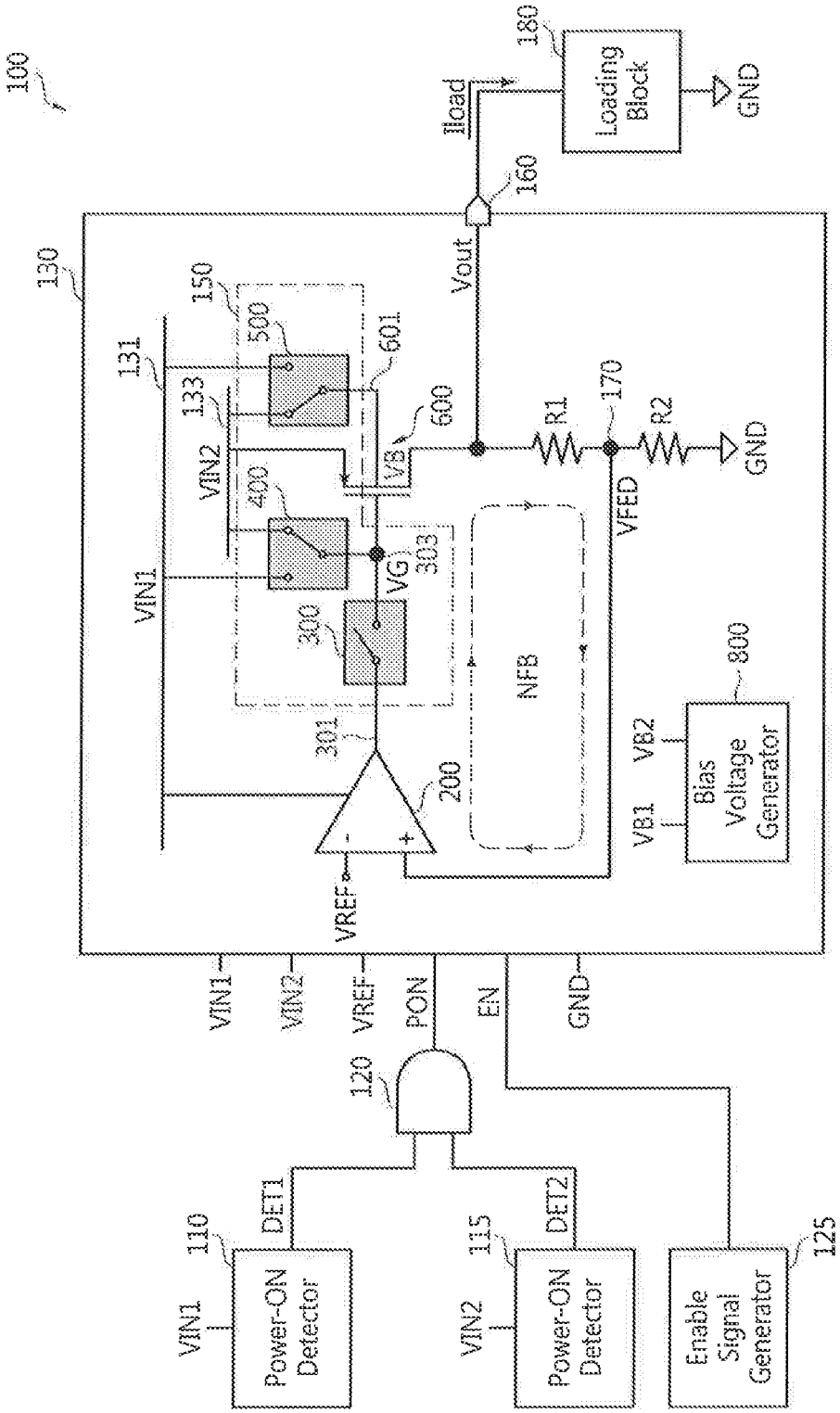
FIG. 1


100
130
131
133
150
500
601
600
VB
400
VIN2
VIN1
VG
303
300
301
200
VREF
NFB
VFED
R1
170
R2
GND
Vout
160
Iload
180
Loading Block
GND
800
VB2
VB1
Bias Voltage Generator
VIN1
VIN2
VREF
PON
EN
GND
120
DET1
DET2
110
115
125
VIN1
Power-ON Detector
VIN2
Power-ON Detector
Enable Signal Generator