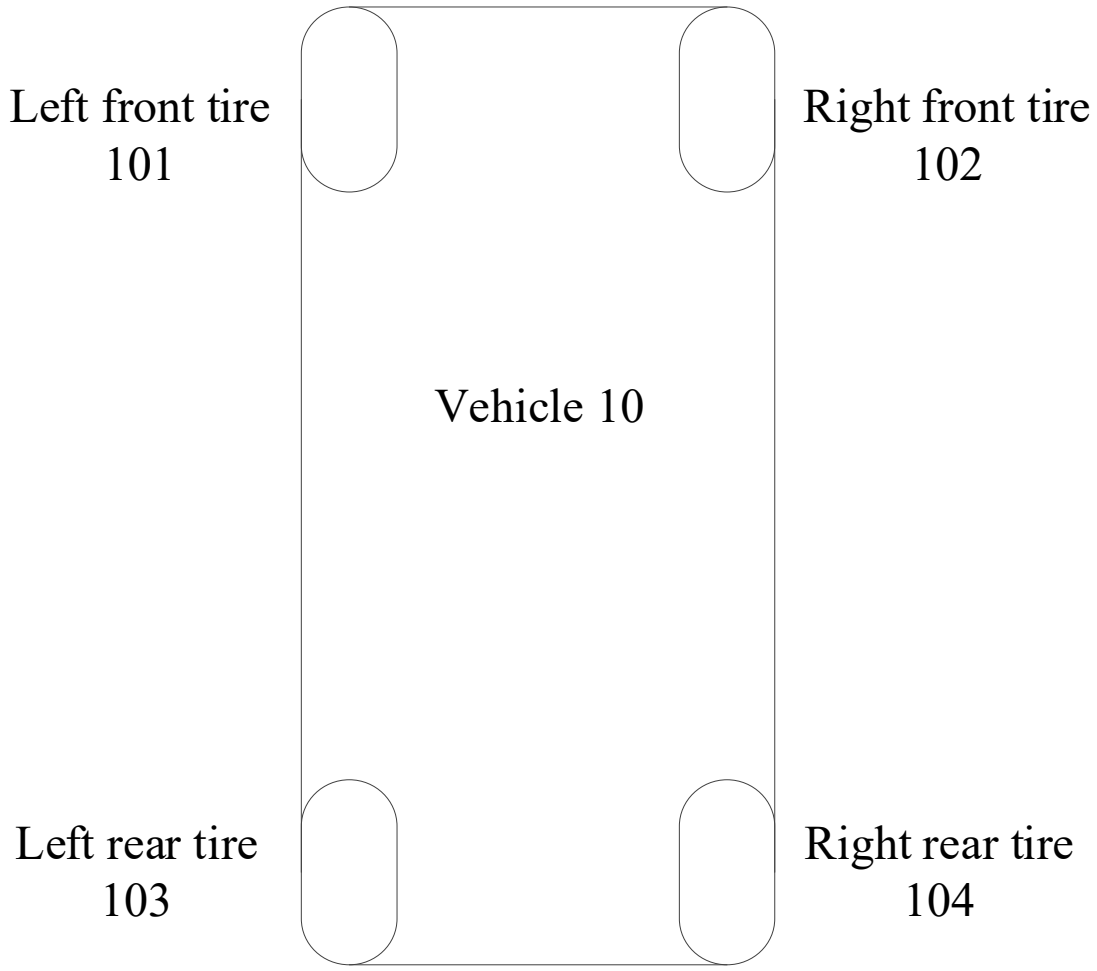

Left front tire
101
Right front tire
102
Vehicle 10
Left rear tire
103
Right rear tire
104

FIG. 1

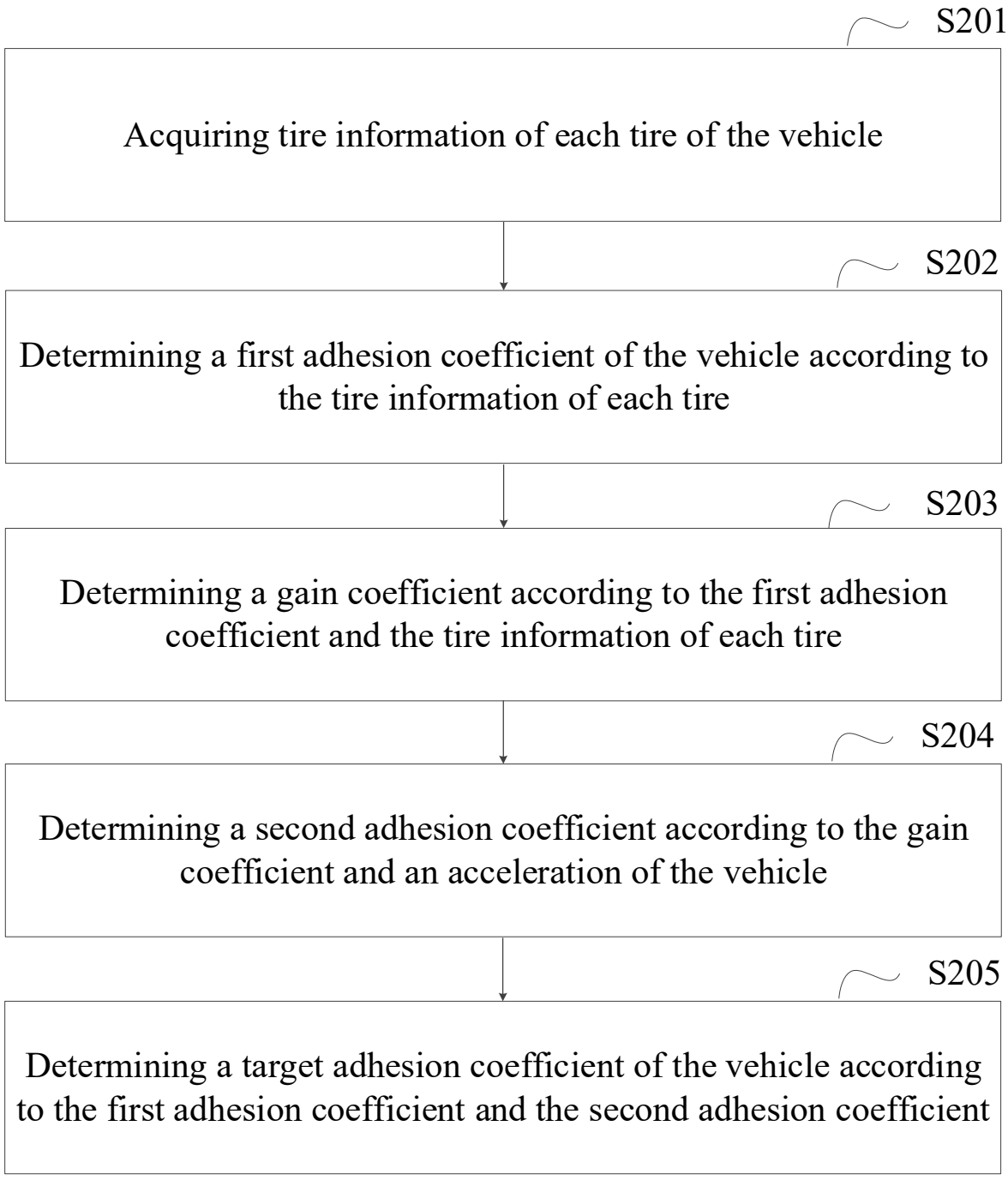

S201
Acquiring tire information of each tire of the vehicle
S202
Determining a first adhesion coefficient of the vehicle according to the tire information of each tire
S203
Determining a gain coefficient according to the first adhesion coefficient and the tire information of each tire
S204
Determining a second adhesion coefficient according to the gain coefficient and an acceleration of the vehicle
S205
Determining a target adhesion coefficient of the vehicle according to the first adhesion coefficient and the second adhesion coefficient

FIG. 2

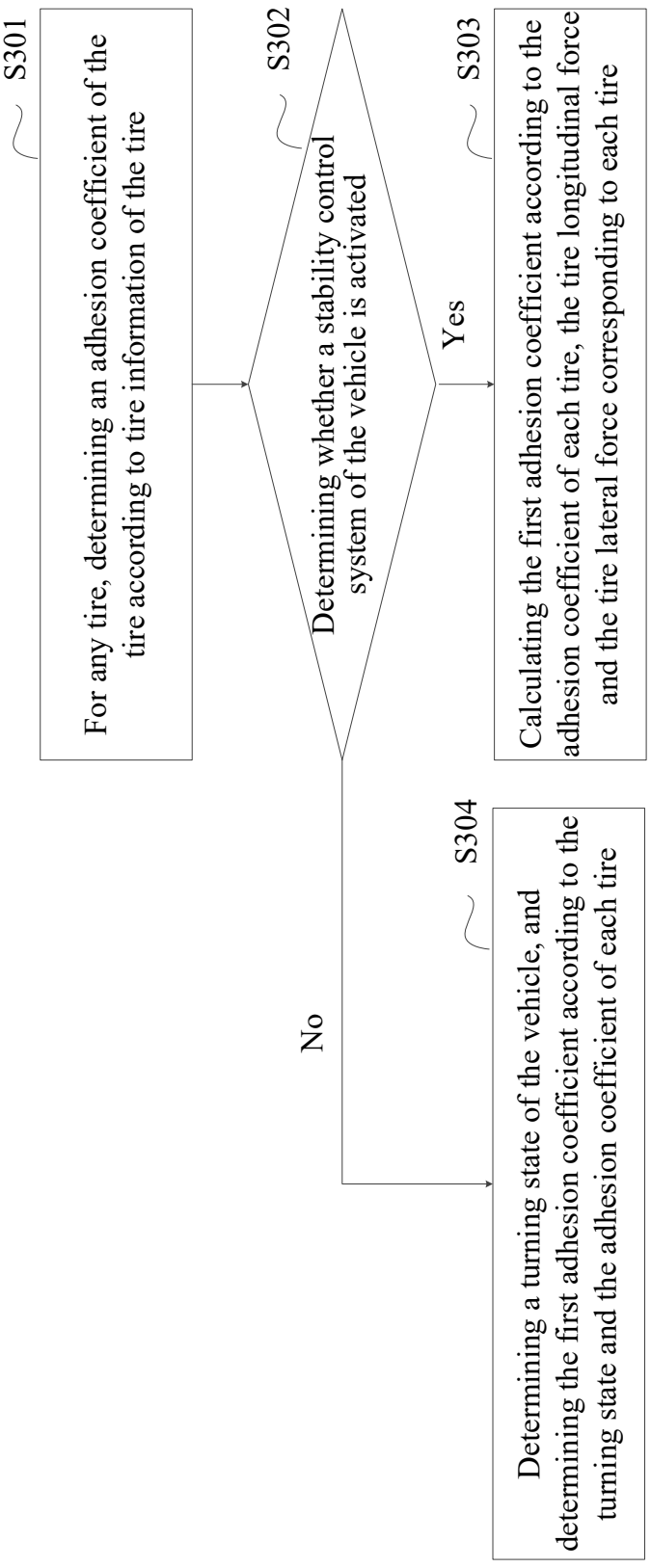

S301
For any tire, determining an adhesion coefficient of the tire according to tire information of the tire
S302
Determining whether a stability control system of the vehicle is activated
Yes
S303
Calculating the first adhesion coefficient according to the adhesion coefficient of each tire, the tire longitudinal force and the tire lateral force corresponding to each tire
No
S304
Determining a turning state of the vehicle, and determining the first adhesion coefficient according to the turning state and the adhesion coefficient of each tire

FIG. 3

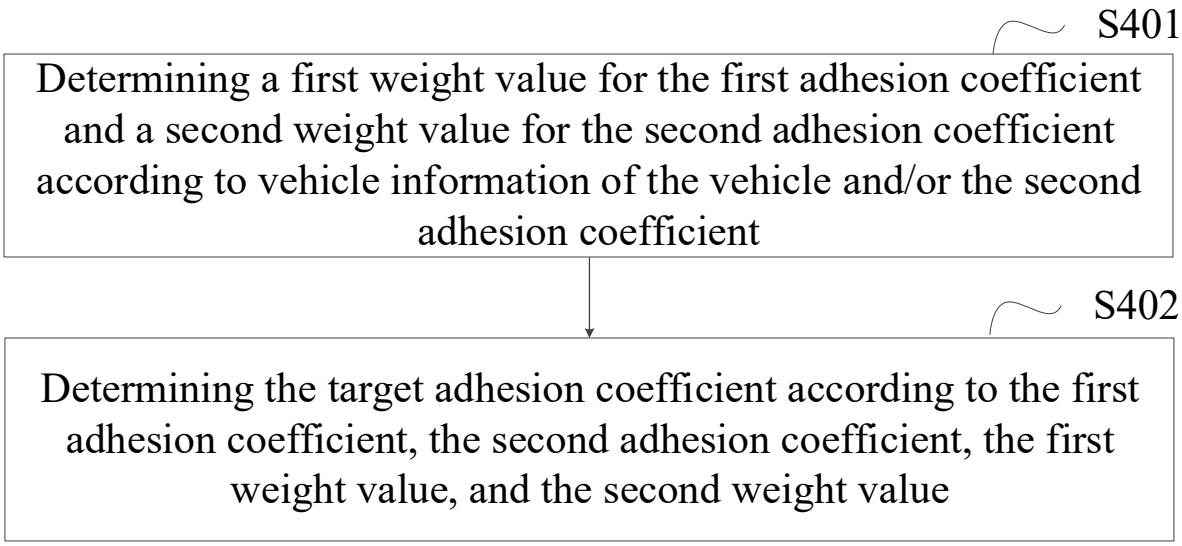


FIG. 4

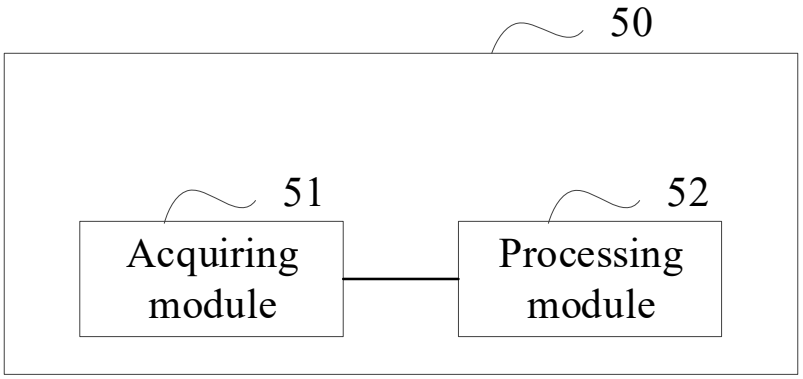


FIG. 5

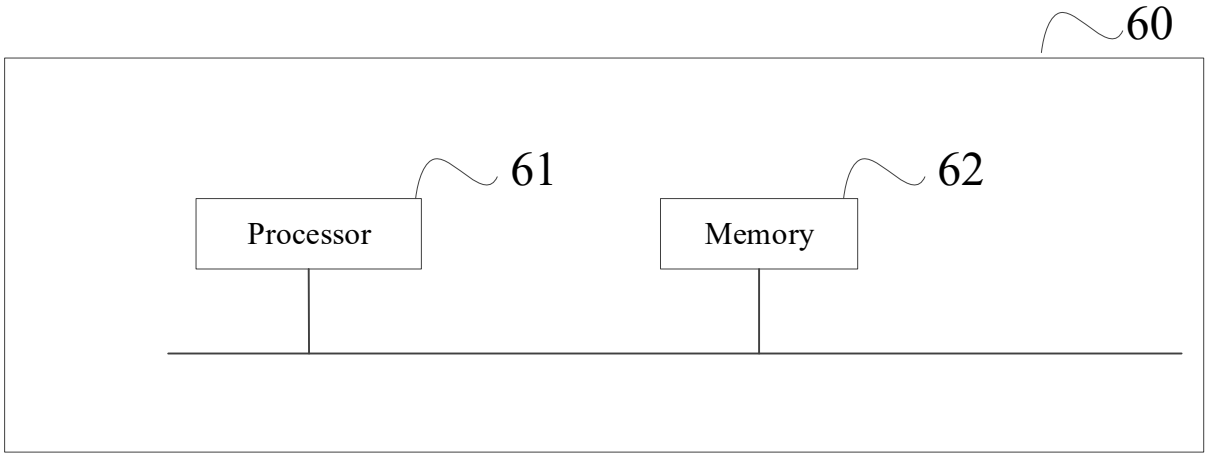


FIG. 6