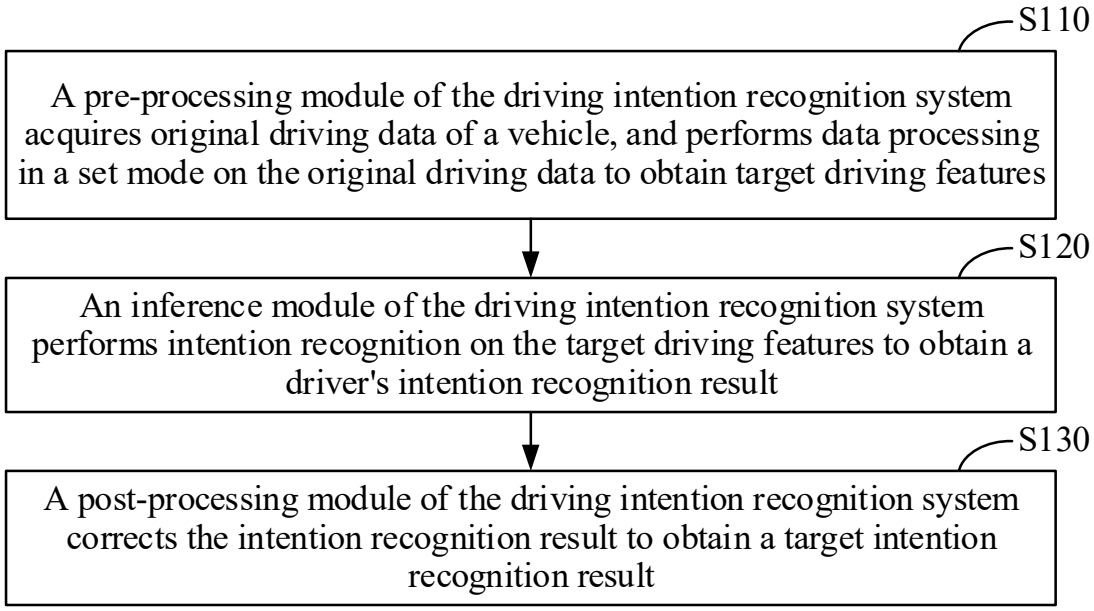

S110
A pre-processing module of the driving intention recognition system acquires original driving data of a vehicle, and performs data processing in a set mode on the original driving data to obtain target driving features
S120
An inference module of the driving intention recognition system performs intention recognition on the target driving features to obtain a driver's intention recognition result
S130
A post-processing module of the driving intention recognition system corrects the intention recognition result to obtain a target intention recognition result

FIG. 1

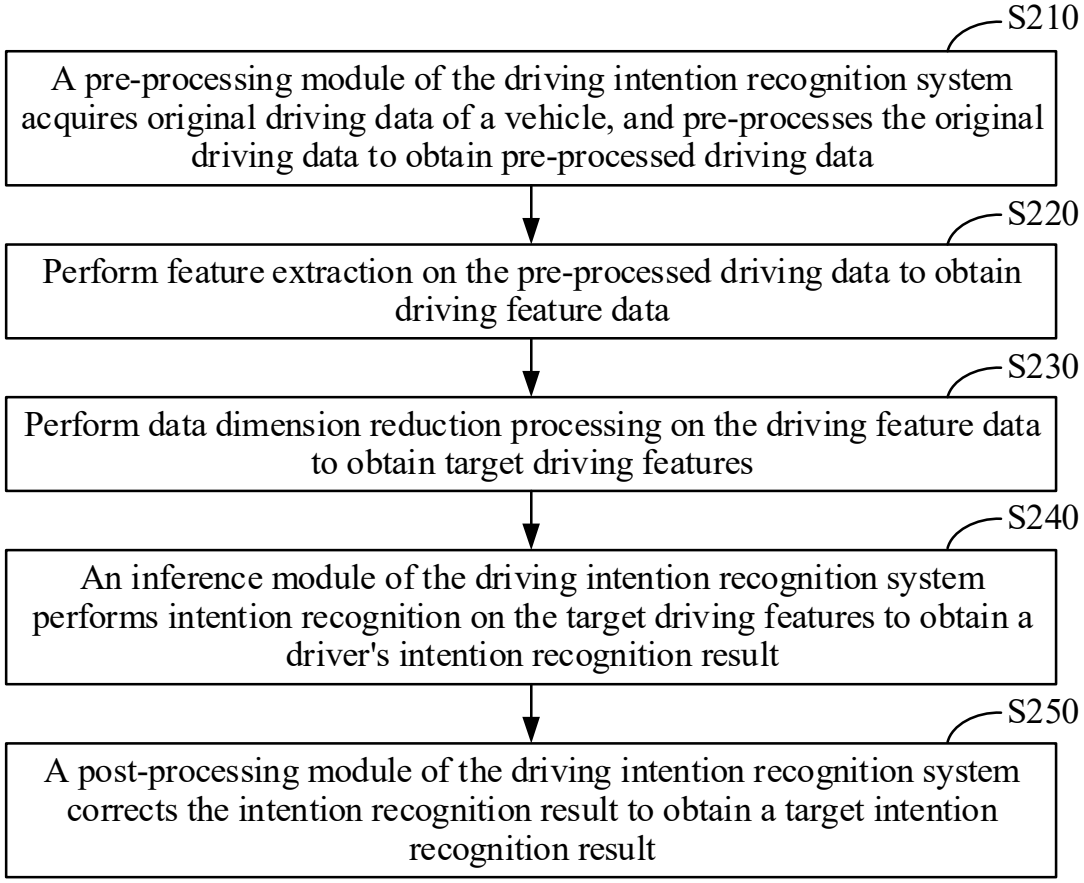

S210
A pre-processing module of the driving intention recognition system acquires original driving data of a vehicle, and pre-processes the original driving data to obtain pre-processed driving data
S220
Perform feature extraction on the pre-processed driving data to obtain driving feature data
S230
Perform data dimension reduction processing on the driving feature data to obtain target driving features
S240
An inference module of the driving intention recognition system performs intention recognition on the target driving features to obtain a driver's intention recognition result
S250
A post-processing module of the driving intention recognition system corrects the intention recognition result to obtain a target intention recognition result

FIG. 2

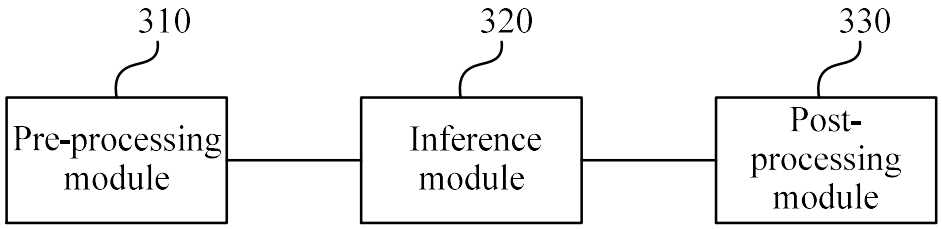

310
320
330
Pre-processing module
Inference module
Post-processing module

FIG. 3

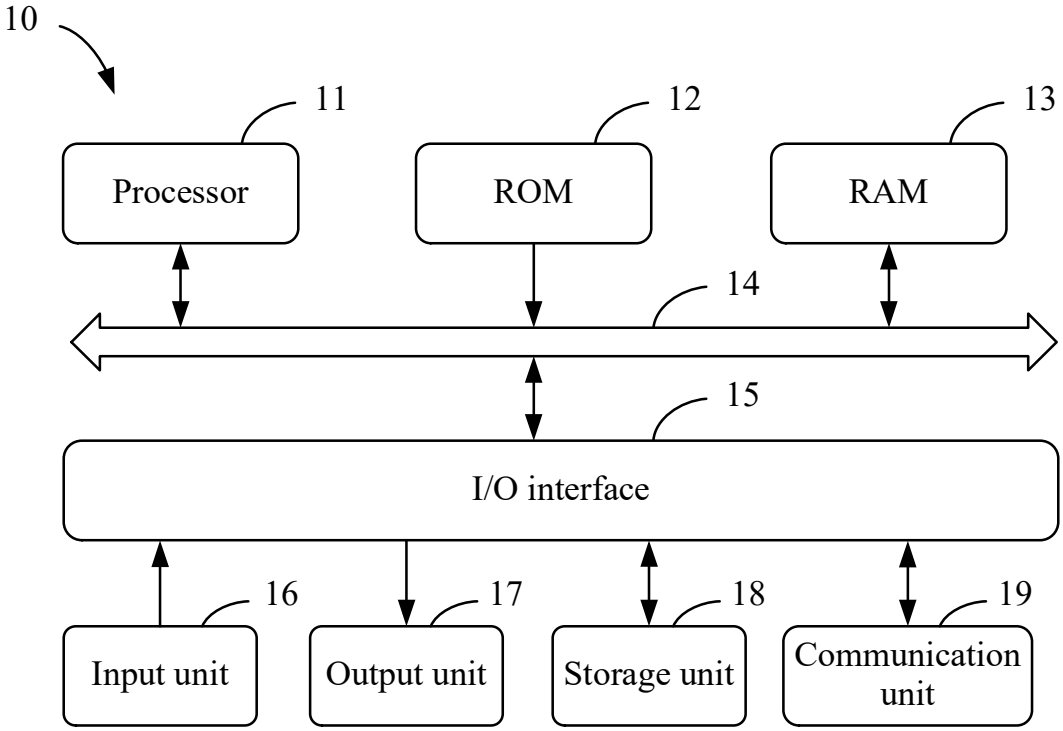

10
11
12
13
Processor
ROM
RAM
14
15
I/O interface
16
17
18
19
Input unit
Output unit
Storage unit
Communication unit

FIG. 4