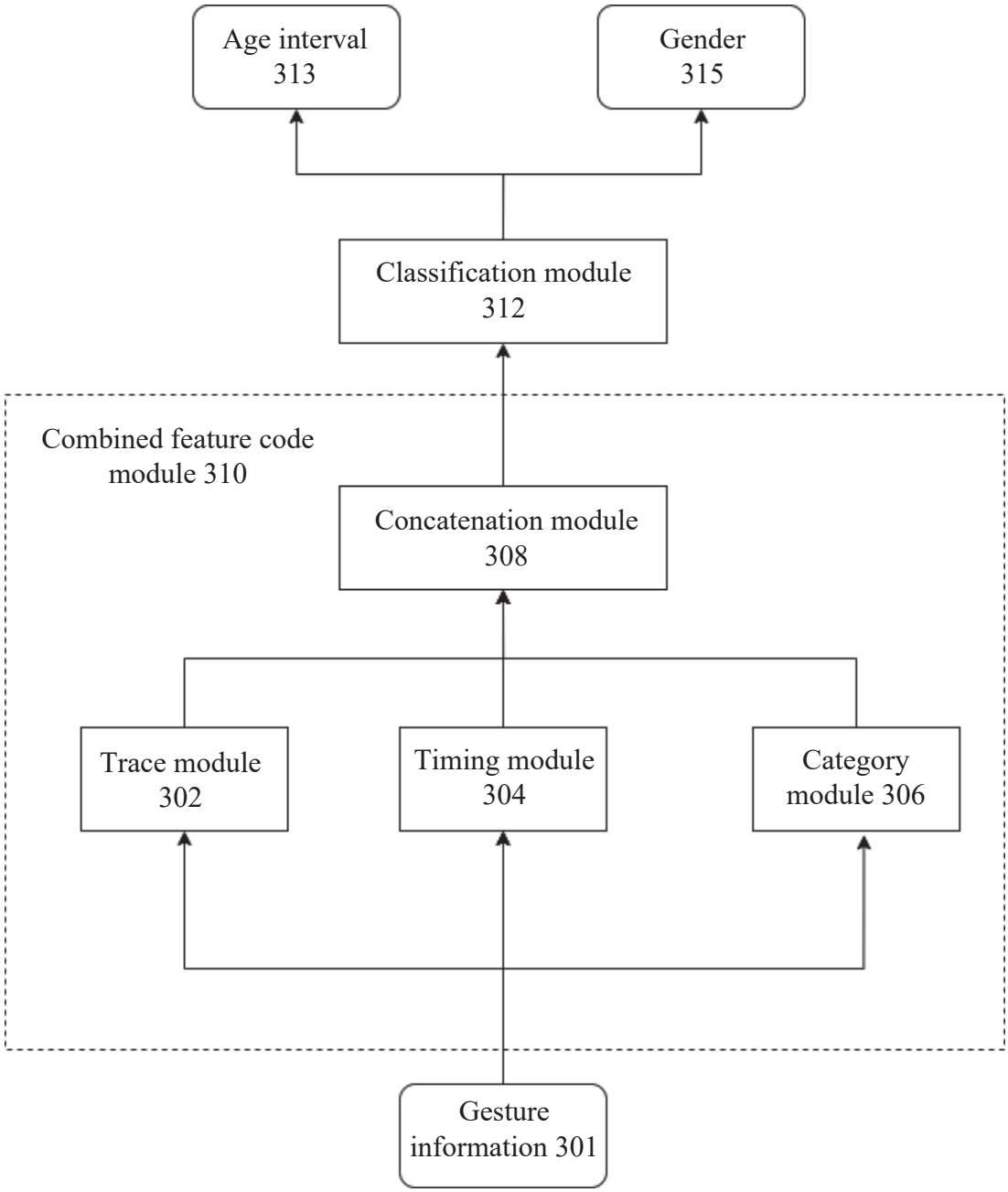

Age interval
313
Gender
315
Classification module
312
Combined feature code
module 310
Concatenation module
308
Trace module
302
Timing module
304
Category
module 306
Gesture
information 301

FIG. 3

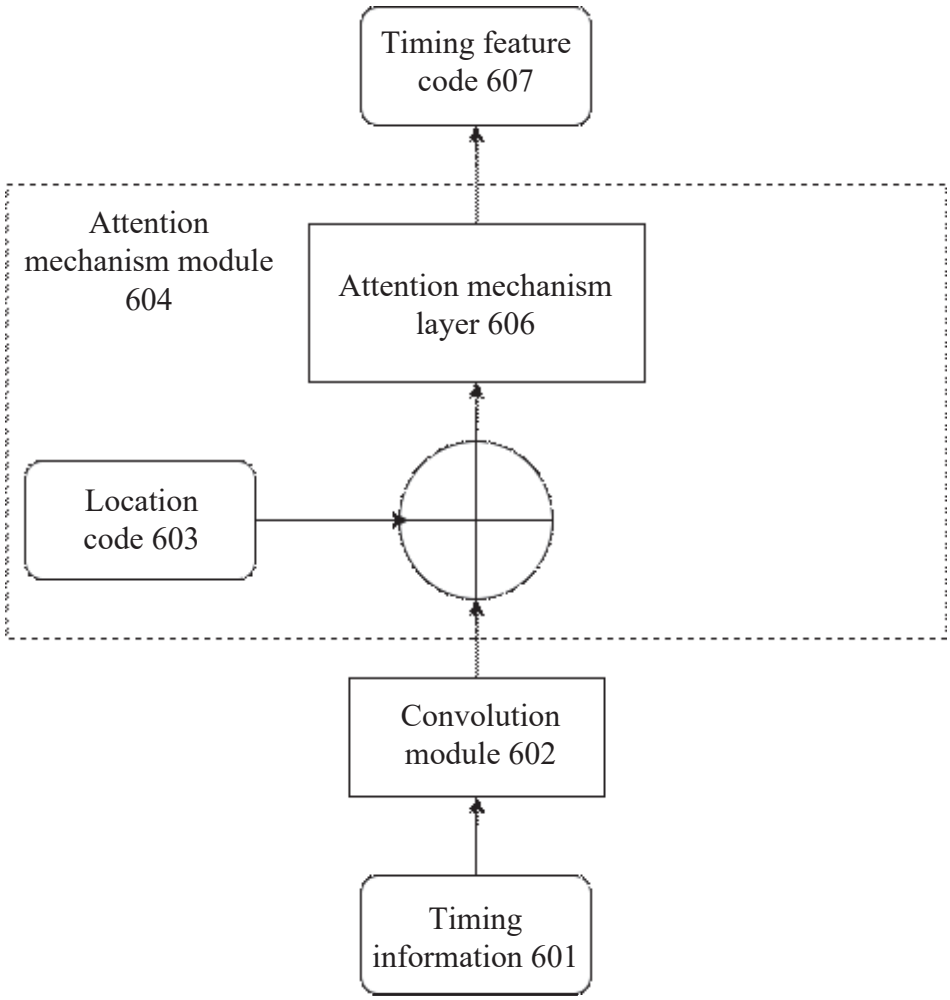

Timing feature code 607
Attention mechanism module 604
Attention mechanism layer 606
Location code 603
Convolution module 602
Timing information 601

FIG. 6

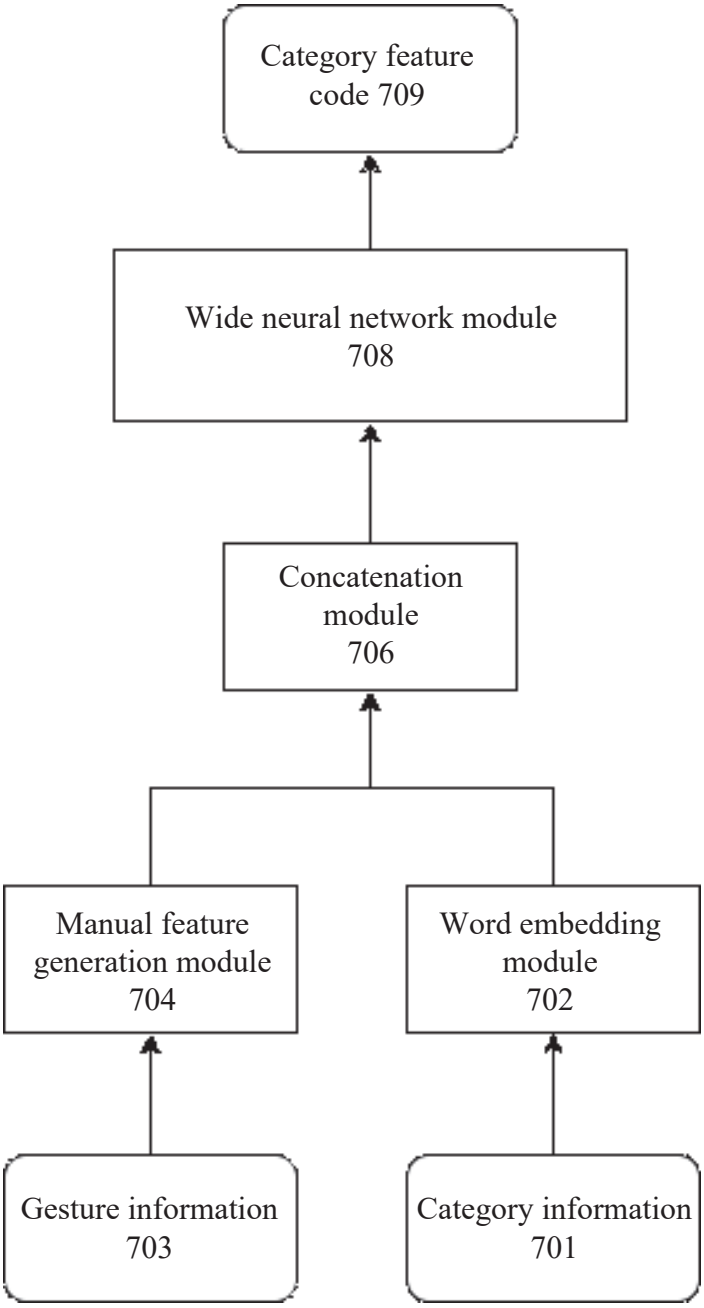

Category feature code 709
Wide neural network module 708
Concatenation module 706
Manual feature generation module 704
Word embedding module 702
Gesture information 703
Category information 701

FIG. 7