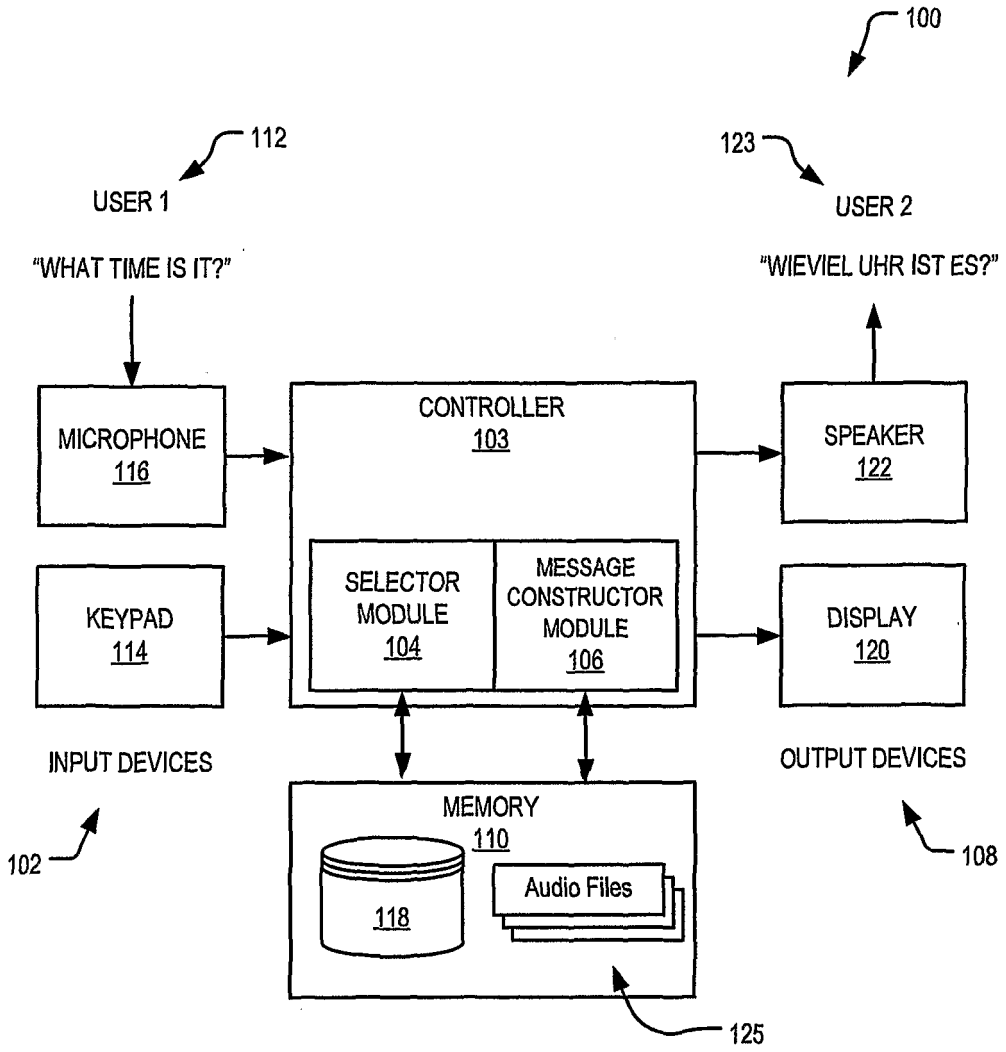
100
112
USER 1
"WHAT TIME IS IT?"
123
USER 2
"WIEVIEL UHR IST ES?"
MICROPHONE
116
KEYPAD
114
INPUT DEVICES
102
CONTROLLER
103
SELECTOR
MODULE
104
MESSAGE
CONSTRUCTOR
MODULE
106
MEMORY
110
118
Audio Files
125
SPEAKER
122
DISPLAY
120
OUTPUT DEVICES
108

FIG. 1

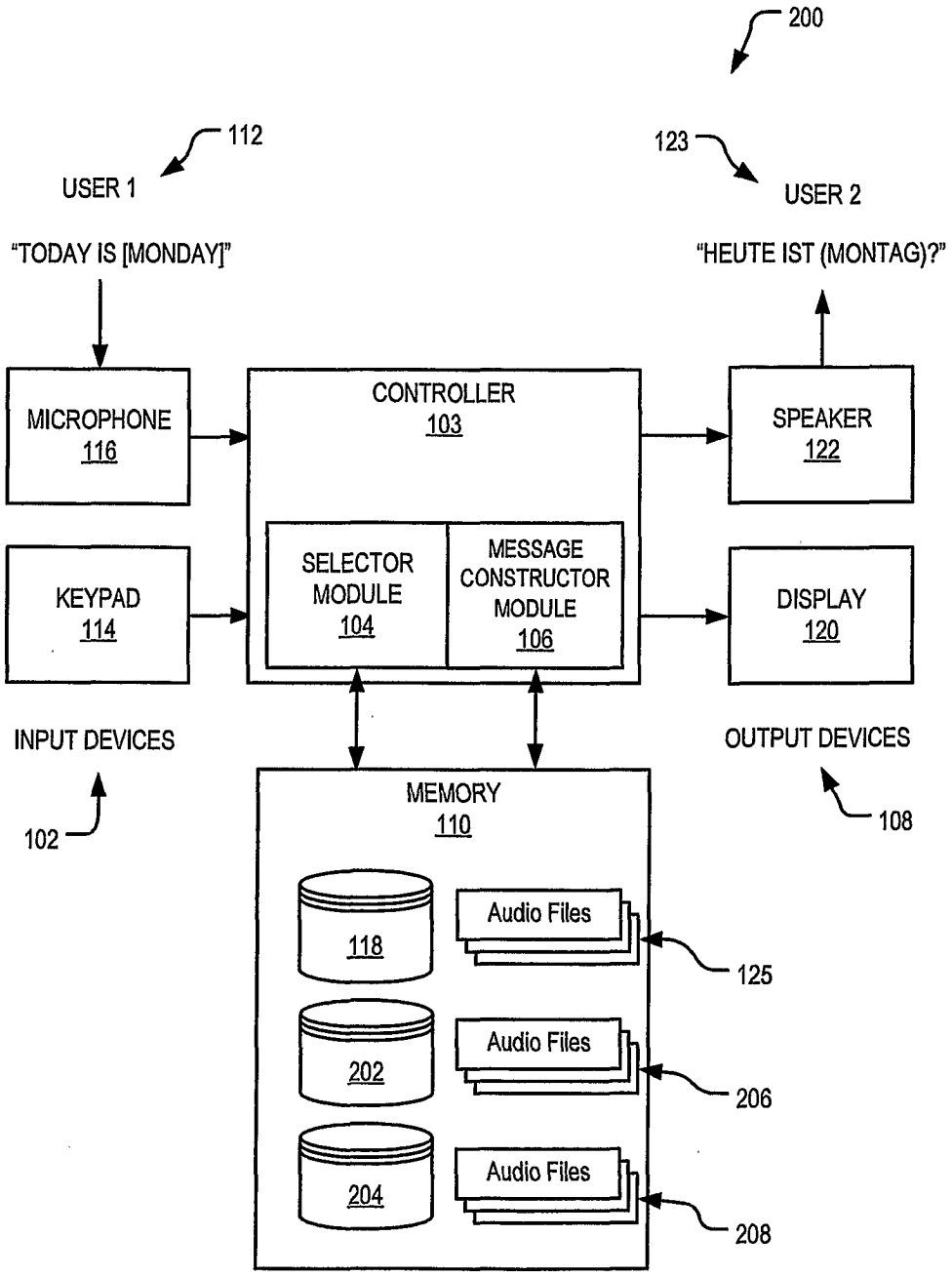
200
112
USER 1
123
USER 2
"TODAY IS [MONDAY]"
"HEUTE IST (MONTAG)?"
MICROPHONE
116
CONTROLLER
103
SPEAKER
122
KEYPAD
114
SELECTOR
MODULE
104
MESSAGE
CONSTRUCTOR
MODULE
106
DISPLAY
120
INPUT DEVICES
OUTPUT DEVICES
102
108
MEMORY
110
118
Audio Files
125
202
Audio Files
206
204
Audio Files
208

FIG. 2

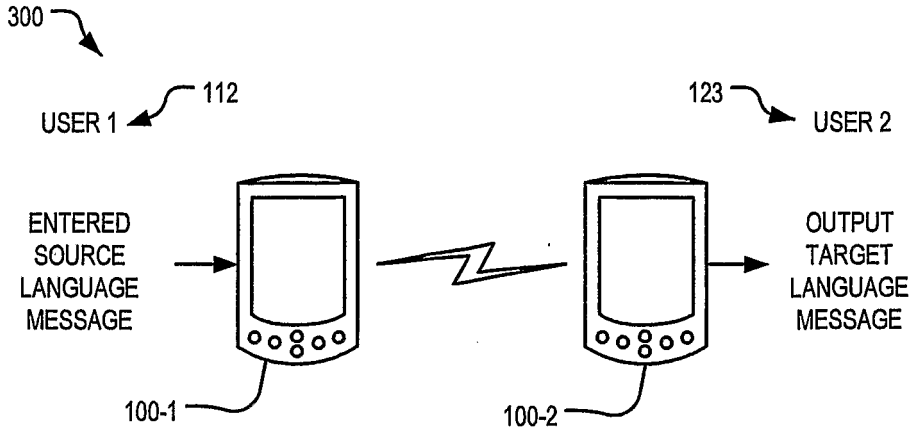
300
112
USER 1
123
USER 2
ENTERED SOURCE LANGUAGE MESSAGE
OUTPUT TARGET LANGUAGE MESSAGE
100-1
100-2

FIG. 3

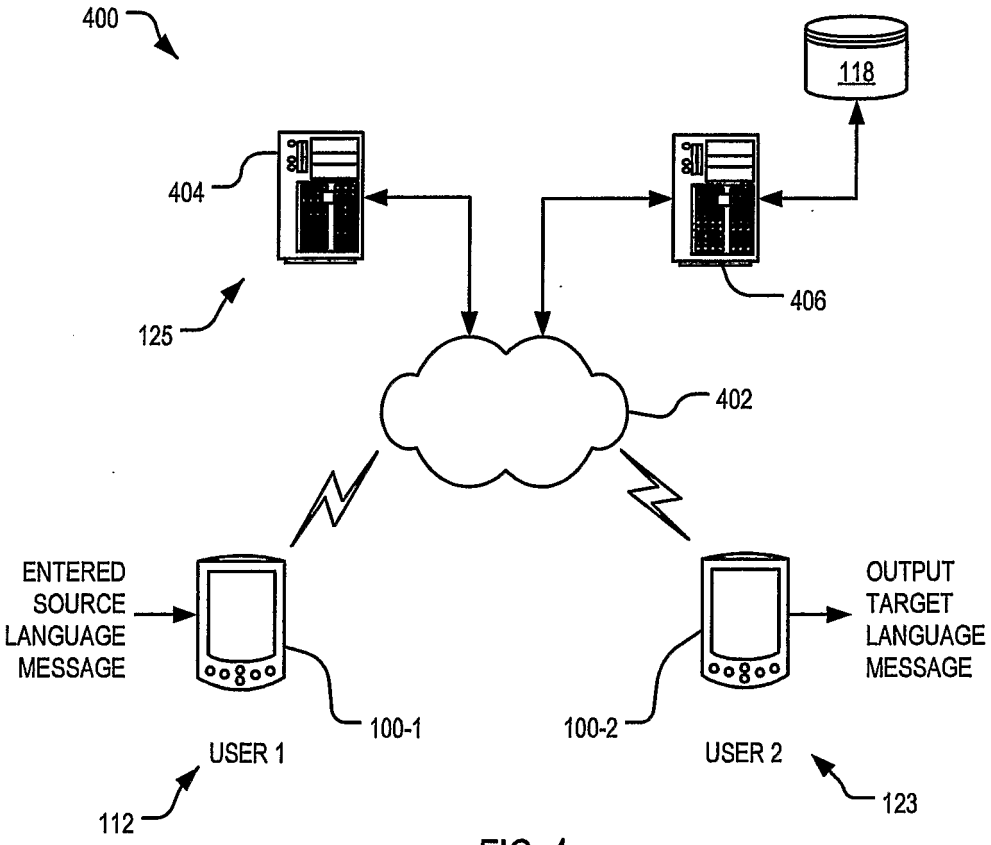
400
118
404
406
125
402
ENTERED SOURCE LANGUAGE MESSAGE
OUTPUT TARGET LANGUAGE MESSAGE
100-1
100-2
USER 1
USER 2
112
123

FIG. 4

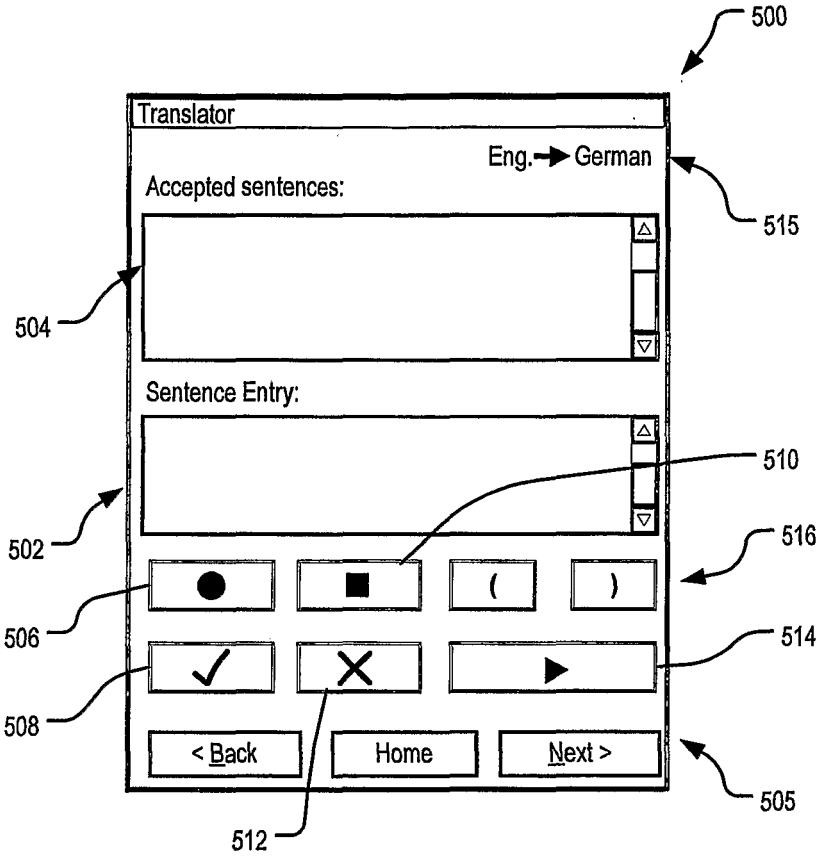
500
Translator
Eng. German
Accepted sentences:
515
504
Sentence Entry:
510
502
516
506
514
508
< Back
Home
Next >
505
512

FIG. 5

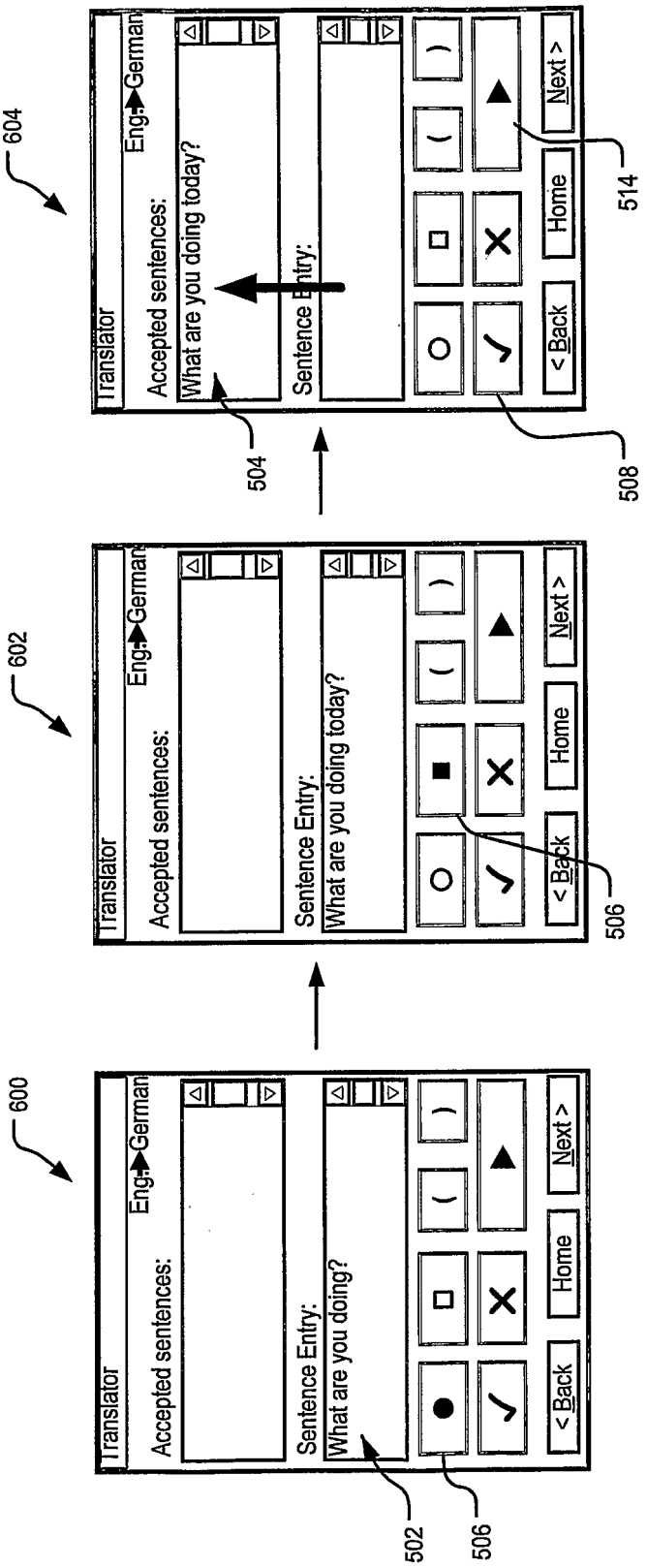
600
602
604
Translator
Eng→German
Accepted sentences:
Sentence Entry:
What are you doing?
What are you doing today?
< Back
Home
Next >
502
504
506
508
514

FIG. 6A

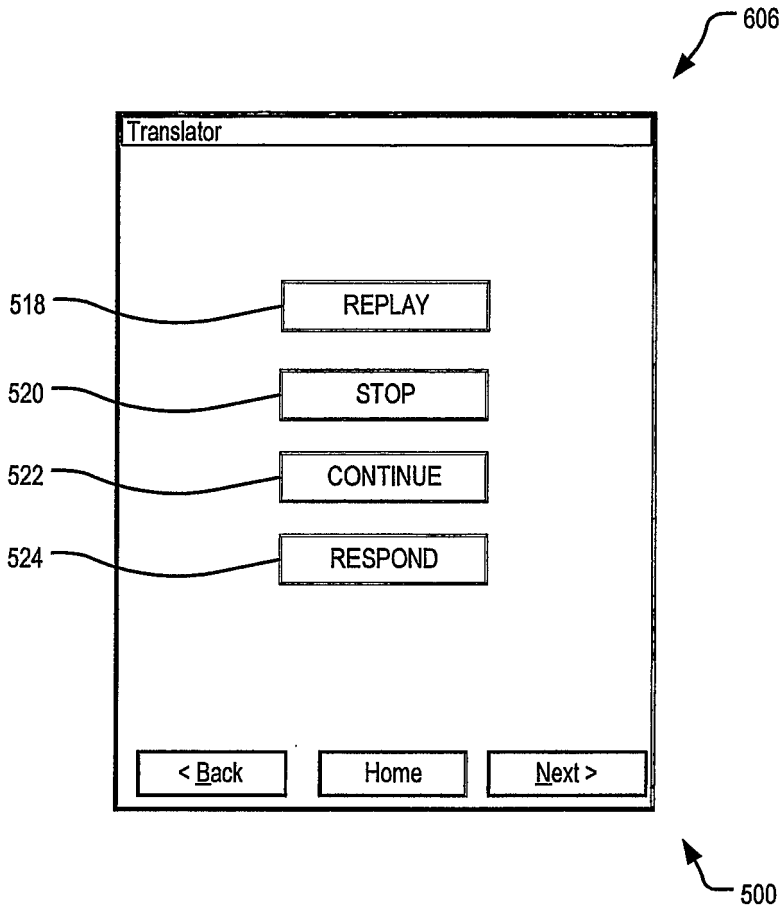
606
Translator
518
REPLAY
520
STOP
522
CONTINUE
524
RESPOND
< Back
Home
Next >
500

FIG. 6B

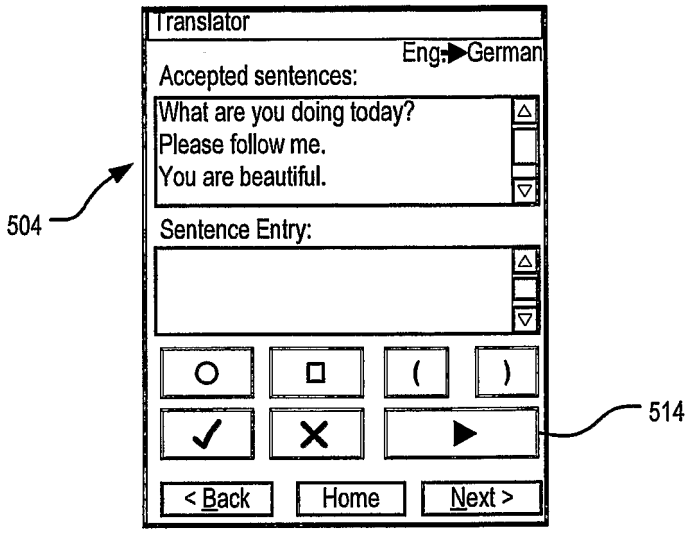
Translator
Eng▶German
Accepted sentences:
What are you doing today?
Please follow me.
You are beautiful.
504
Sentence Entry:
( )
514
< Back
Home
Next >

FIG. 7

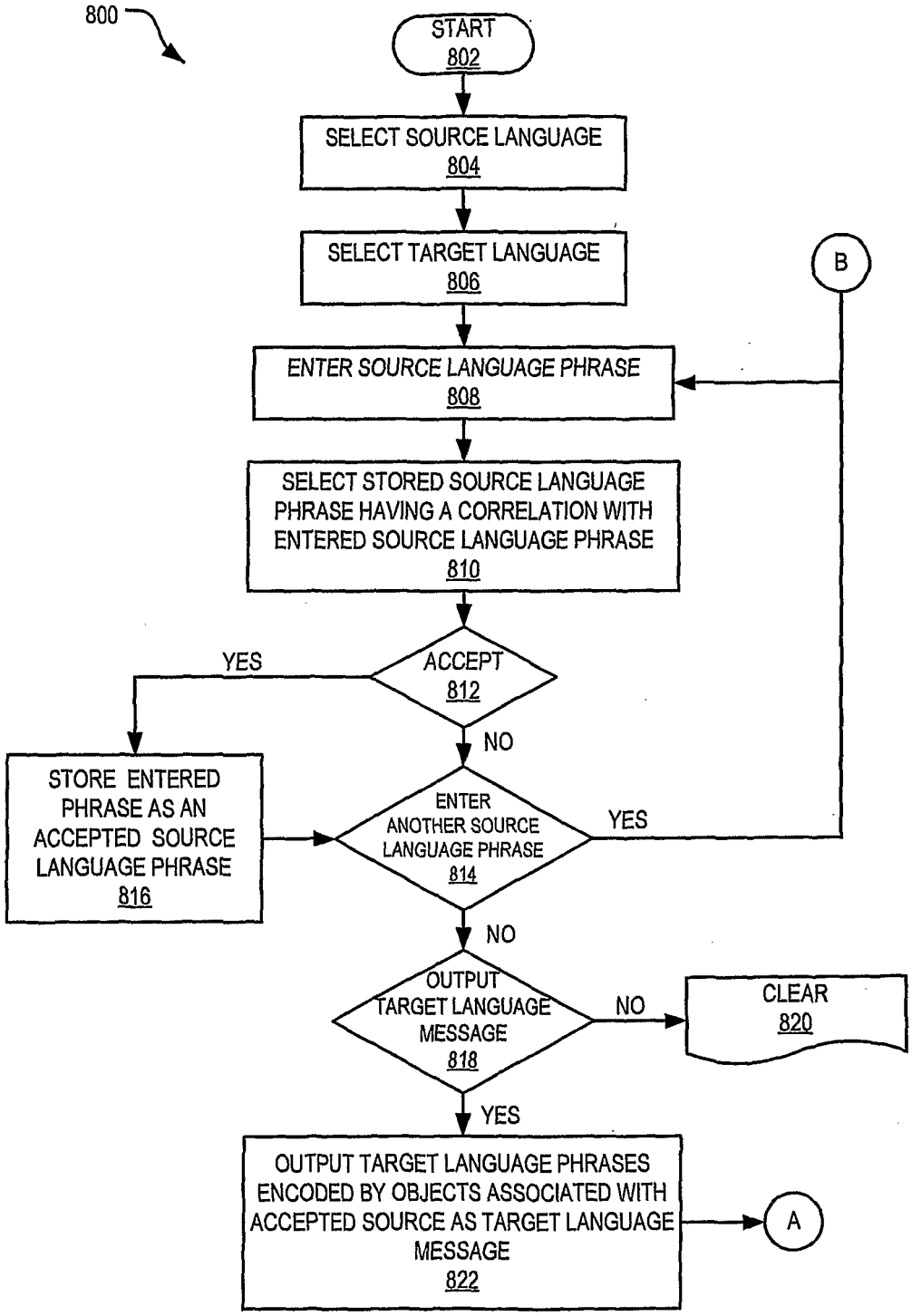
800
START
802
SELECT SOURCE LANGUAGE
804
SELECT TARGET LANGUAGE
806
B
ENTER SOURCE LANGUAGE PHRASE
808
SELECT STORED SOURCE LANGUAGE PHRASE HAVING A CORRELATION WITH ENTERED SOURCE LANGUAGE PHRASE
810
ACCEPT
812
YES
NO
STORE ENTERED PHRASE AS AN ACCEPTED SOURCE LANGUAGE PHRASE
816
ENTER ANOTHER SOURCE LANGUAGE PHRASE
814
YES
NO
OUTPUT TARGET LANGUAGE MESSAGE
818
NO
CLEAR
820
YES
OUTPUT TARGET LANGUAGE PHRASES ENCODED BY OBJECTS ASSOCIATED WITH ACCEPTED SOURCE AS TARGET LANGUAGE MESSAGE
822
A

FIG. 8A

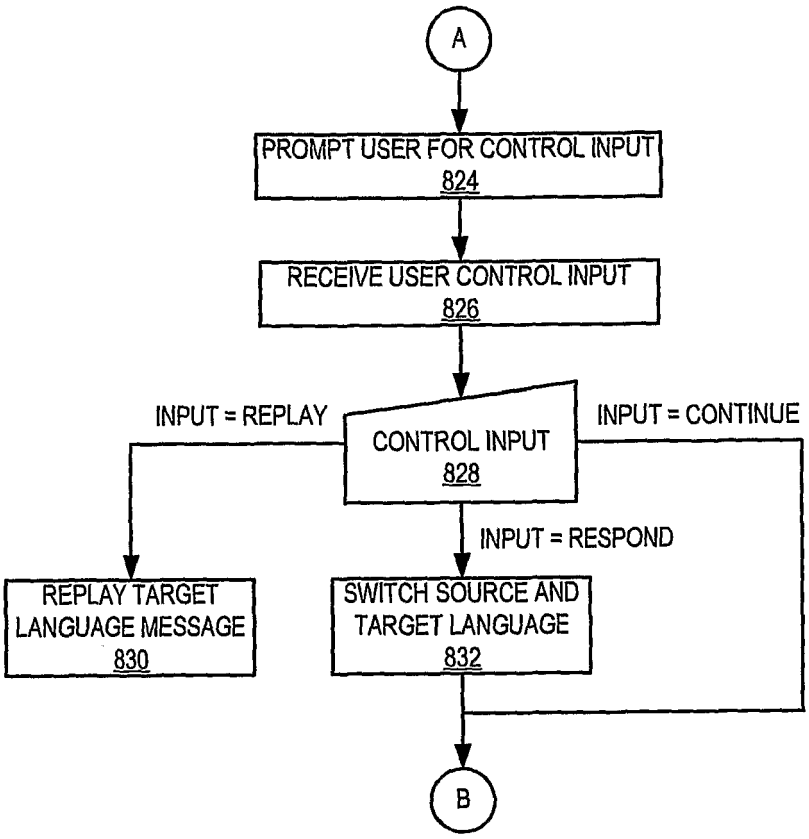
A
PROMPT USER FOR CONTROL INPUT
824
RECEIVE USER CONTROL INPUT
826
INPUT = REPLAY
CONTROL INPUT
828
INPUT = CONTINUE
INPUT = RESPOND
REPLAY TARGET LANGUAGE MESSAGE
830
SWITCH SOURCE AND TARGET LANGUAGE
832
B

FIG. 8B

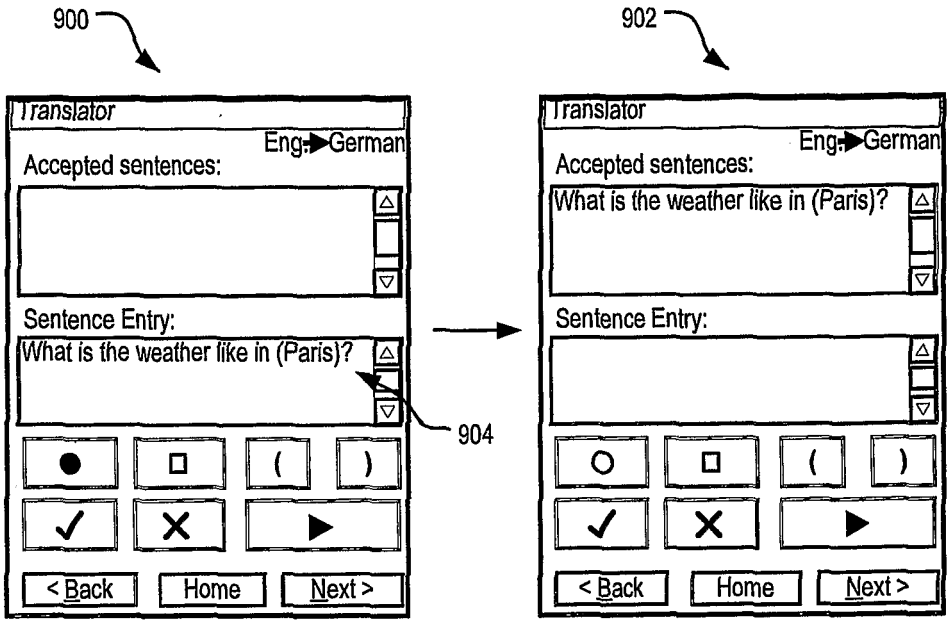
900
902
Translator
Eng▶German
Accepted sentences:
Sentence Entry:
What is the weather like in (Paris)?
904
Translator
Eng▶German
Accepted sentences:
What is the weather like in (Paris)?
Sentence Entry:
< Back
Home
Next >

FIG. 9

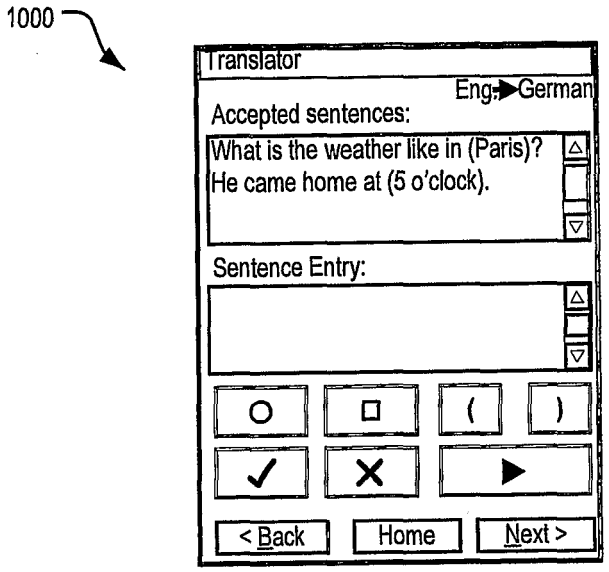
1000
Translator
Eng▶German
Accepted sentences:
What is the weather like in (Paris)?
He came home at (5 o'clock).
Sentence Entry:
( )
< Back
Home
Next >

FIG. 10