ABSTRACT

TITLE OF INVENTION: NAVIGATION MESSAGE AUTHENTICATION TYPE POSITIONING APPARATUS

A navigation message authentication type positioning apparatus ~~(200, 300)~~ is provided with a satellite receiver ~~(230, 330)~~, an authentication information acquisition portion ~~(S25)~~, an authentication portion ~~(S29-S31)~~, and a positioning portion ~~(S42)~~. The navigation message authentication type positioning apparatus ~~(200, 300)~~ is provided with: an evaluation value specification portion ~~(S3, S3a, S3b, S64, S83)~~ that specifies a signal quality evaluation value; and a selection portion ~~(S5, S41, S68, S85, S88)~~ that selects an artificial satellite. The authentication information acquisition portion ~~(S25)~~ acquires authentication information. The authentication portion ~~(S29-S31)~~ performs authentication. The positioning portion ~~(S42)~~ determines the position of the navigation message authentication type positioning apparatus ~~(200, 300)~~.

FIG. 4