

ABSTRACT**METHOD OF AND DEVICE FOR AUTHENTICATING A TRAJECTORY
CALCULATED BASED ON RADIOLOCATION SIGNALS**

The invention relates to a method of authenticating a displacement trajectory calculated from radiolocation signals received by a receiver embedded in a mobile unit. It comprises the following steps:

a first step (100) of calculating a first profile of rotational movement of the mobile unit about a reference axis of the mobile unit based on data derived from the processing of the radiolocation signals;

a second step (101) of calculating a second profile of rotational movement of the mobile unit about the same reference axis based on movement data derived from a measurement means independent of said radiolocation signals; and

a third step (102) of comparing the first and the second rotational movement profiles of the mobile unit.

The invention relates to applications for locating and calculating the trajectory of a mobile unit, notably satellite geolocation solutions.

Figure 2



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