

ABSTRACT**METHOD AND SYSTEM FOR COLLABORATIVE GEOLOCALIZATION**

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Network and method of collaborative radiolocation comprising at least three nodes communicating with one another by radio means, characterized in that each of said nodes is equipped with a control module for controlling the state of mobility of said node, a communication module adapted to transmit to the other nodes of the network information relating to its state of mobility, a processor adapted to choose an IMM tracking filter adapted to determine the position of said node M_i so as to allow said node to geolocate itself and also to geolocate the other nodes of the network.

15 Figure 3 to be published