

Positioning System and Method for Determining Object Position

Abstract

A positioning system and method for determining a position of an object, the positioning system including a motion detection device coupled to
5 the object for measuring movement information of the object during a movement, an UWB responder and an UWB requestor for determining a direction of the object relative to a point of reference before and after the movement, and a computation unit for determining the position of the object
10 based on an object displacement estimate derived from the movement information and the determined direction of the object before and after the movement.

[FIG. 1]

