

Computer Implemented Method And Apparatus For Autonomous Position Determination Using Magnetic Field Data

Case Number: GSC- 13880-1
Patent Number: 6,114,995
Patent Exp. Date: 12/21/2018

DESCRIPTION

This technology is an autonomous position determination apparatus for submarines. A processor is included which has inverted dipole solution module for calculating inverted dipole solution with position vector for vehicle and vehicle distance from the earth center and storing that solution in memory. Processor has a position determination module for determining vehicle position based on data stored in memory.

FEATURES AND BENEFITS

This technology enables one to perform autonomous position determination using a computer implemented apparatus.

APPLICATIONS

Vehicle Positioning
Submarines
Aerospace

FOR MORE INFORMATION

If you are interested in more information or want to pursue transfer of this technology, GSC-13880-1, please contact:

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