

TITLE OF THE INVENTION

Method and device for mobile magnetic measurements for controlling the magnetic signature of a vessel

TEXT OF THE ABSTRACT

The invention relates to the measurement and control of a magnetic signature of a ship by means of an autonomous mobile vehicle provided with a magnetic sensor. After having obtained (310) magnetic measurements and the corresponding positions, a magnetization of the ship is modelled (325) and then a magnetic field is calculated according to the modelling of the magnetization of the ship and navigation parameters. A magnetic signature reduction system of the ship is then controlled (335) as a function of the estimated magnetic field.

(Figure 3)