

Title (en)

Device for compensating the magnetic field of disturbance of an object by means of a magnetic self-protection arrangement.

Title (de)

Einrichtung zur Kompensation des magnetischen Störfeldes eines Objektes mittels einer magnetischen Eigenschutzanlage.

Title (fr)

Dispositif pour la compensation du champ magnétique parasite d'un objet à l'aide d'une installation d'auto-protection magnétique.

Publication

**EP 0024307 A1 19810304 (DE)**

Application

**EP 80104270 A 19800719**

Priority

DE 2929964 A 19790724

Abstract (en)

1. Arrangement for the compensation of magnetic interference fields by objects, preferably ships, by means of degaussing assemblies controlled by the interference field, in which differential field probes for detecting the inhomogeneous interference field, power amplifiers and compensation windings of the degaussing assembly form control circuits, which are used to control the currents flowing in the compensation windings of the assembly, characterized in that auxiliary integration elements are provided for the control circuits (3, 5-8), that individual interference fields are provided with separate control circuits for compensation, and that the separate control circuits are operated parallel to each other and parallel to the compensation assembly embracing the entire object (2).

Abstract (de)

Es wird ein Verfahren beschrieben, das zur Kompensation von magnetischen Störfeldern von Objekten (2) dient und das eine störfeldgeregelte magnetische Eigenschutzanlage (8) zugrundelegt. Die in den Wicklungen der Anlage fließenden Ströme werden durch Differenzfeldsonden (3) gesteuert, die mit den Kompensationswicklungen den Integrations- (6) und Leistungsgliedern (7) Regelkreise bilden, die zur Kompensation einzelner Störfelder parallel zueinander und parallel zu der das ganze Objekt umfassenden Kompensationsanlage verwendet werden.

IPC 1-7

**B63G 9/06**

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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