

Abstract

The invention relates to a device (2) for demagnetizing and for measuring the magnetic signature of a stationary hull (4) and for simulating a magnetic field, comprising a demagnetization coil assembly (8), a magnetic field sensor assembly (10) and a simulation coil assembly (12a, 12b, 12c), which can be positioned next to the hull (4) in a horizontal manner on one side and the cross-sectional areas of the demagnetization coils (8) and of the simulation coils (12a, 12b, 12c) being disposed in the longitudinal direction of the hull (4) with horizontally oriented surface normals. The demagnetization coils (8) produce an alternating magnetic field; the simulation coils (12a, 12b, 12c) produce a stationary simulated magnetic field in all three dimensions.

(Fig. 3)