

Abstract

Omnidirectional antenna

The invention pertains to an omnidirectional antenna (100) intended to equip a sonar, the antenna being centered around a longitudinal axis (10) and comprising an assembly of emission rings (20) stacked along the longitudinal axis, each emission ring (20) being formed around the longitudinal axis. The emission rings (20) are assembled in groups of rings (200), the antenna (100) comprising at least two groups of rings (200) and each group of rings comprising at least two rings (20), the inter-ring spacings between the rings of one and the same group and the inter-group spacings between two successive groups of rings being chosen so as to optimize the emission bandwidth and the sound level.

(Figure 2)