

ABSTRACT**Compact omnidirectional antenna for dipping sonar**

The invention relates to a compact omnidirectional antenna for dipping sonar. The antenna (40) comprises multiple elementary transmission rings (21) that are formed around a longitudinal axis of the antenna (40) and multiple hydrophones (22) that are distributed around the longitudinal axis, the antenna (40) being intended to be dipped in water, the hydrophones (22) being separate from the elementary transmission rings (21), the hydrophones (22) and the elementary transmission rings (21) being fixed in the antenna (40). According to the invention, the elementary transmission rings (21) and the hydrophones (22) are interlinked along one and the same height (H) measured along the longitudinal axis.

Figure 3