

**ACOUSTIC ANTENNA ELEMENT FOR EMITTING AND/OR RECEIVING
WAVES UNDER WATER AND ASSOCIATED ACOUSTIC ANTENNA**

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ABSTRACT

An acoustic antenna element for receiving and/or emitting low-frequency underwater waves comprises an acoustic panel (4) formed by at least one acoustic pick-up enclosed in a flexible jacket, said acoustic panel (4) being generally rectangular and being mounted against a curved support (3) by means of a mounting device including a clamping device comprising at least two flanges (7) the ends of which are mounted on said support (3), the respective flanges (7) comprising at least one tie (7) between the two ends thereof, and the clamping device comprising means for adjusting the tension in the ties (7) between the two respective ends thereof, the flanges (7) being arranged so that the support (3) is bent between the two respective ends of said ties and so that the panel is clamped against the support (3) by said ties (7) when they are under tension.

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Figure 2