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Obara

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- [54] COUNTERMEASURE FLEXIBLE LINE ARRAY
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### [57] ABSTRACT

A countermeasure buoy for use in an underwater environment includes a main body portion, a propulsion portion, a hull section, and an acoustical array. The main body portion includes a first end and a second end longitudinally opposed from the first end. The propulsion portion includes a main body end connected to the first end of the main body portion and a propelling end opposite the main body end. The hull section includes a rearward end connected to the second end of the main body portion and an open end opposite to the rearward end. The acoustical array is housed within said hull section and includes a base end connected to an interior of the hull section and a free terminal end opposite to the base end. A cap member is removably attached to the open end of said hull section and a vertical alignment of the propulsion portion, the main body portion and the hull portion enables gravitational displacement of the cap member and release of the acoustical array from the hull section.

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- [51] Int. Cl.<sup>7</sup> ..... H04K 3/00
- [52] U.S. Cl. .... 367/1
- [58] Field of Search ..... 367/1, 4, 137, 367/165; 434/6, 9, 10; 441/12, 24

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19 Claims, 2 Drawing Sheets

