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Cray

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(54) **ACOUSTIC VECTOR SENSOR**

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(58) **Field of Search** 367/178, 188, 367/910, 141, 176; 181/122; 310/340, 344, 337; 73/649

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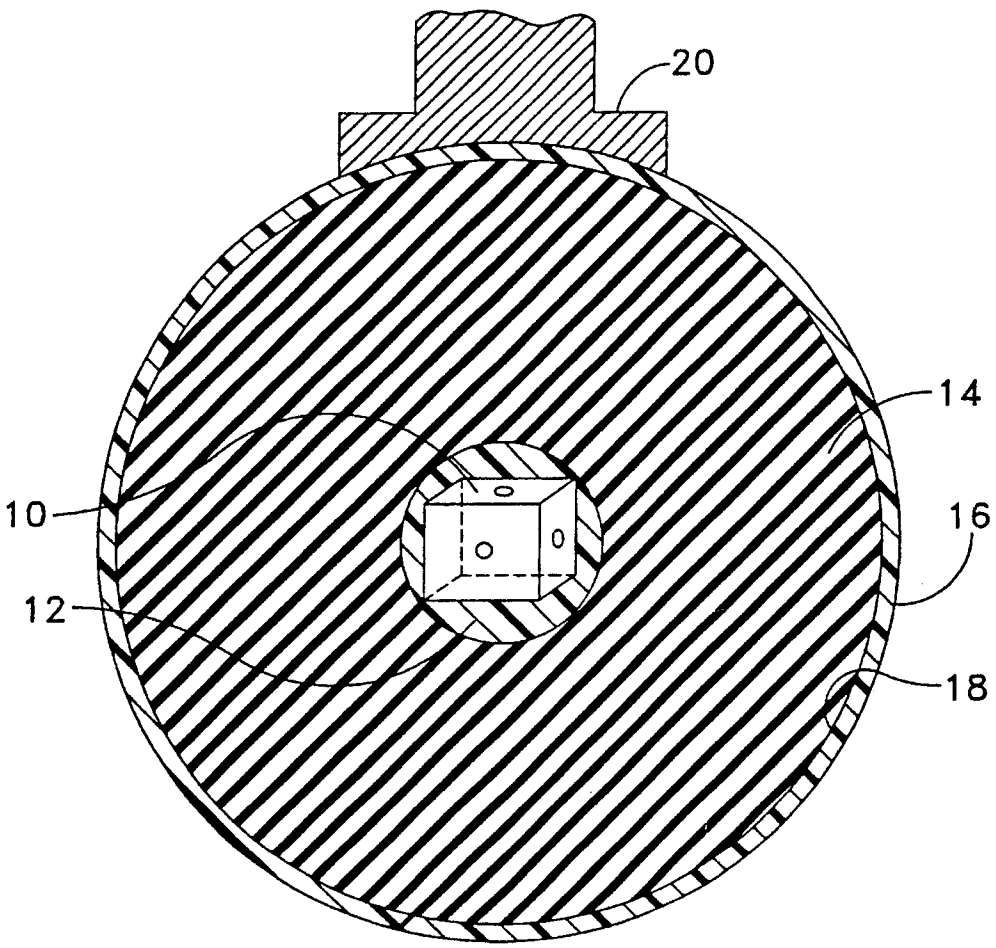
(57) **ABSTRACT**

An acoustic vector sensor for monitoring acoustic energy underwater includes an acoustic sensing tri-axial accelerometer, a body of syntactic foam encasing the accelerometer, a body of viscoelastic rubber encasing the body of syntactic foam, and a rigid plastics coating encasing the body of viscoelastic rubber.

7 Claims, 1 Drawing Sheet