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Petty

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(54) **APPARATUS AND METHOD FOR LOCATING DEVICES USING AN ACOUSTIC GYROSCOPE**

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(58) **Field of Search** ..... 701/200, 207, 701/213, 214, 216, 220, 221, 217, 244; 702/150; 340/671, 967, 973, 974, 975, 976; 73/178 R, 65.1, 862.381, 503.3, 504.2, 504.12; 202/150, 152

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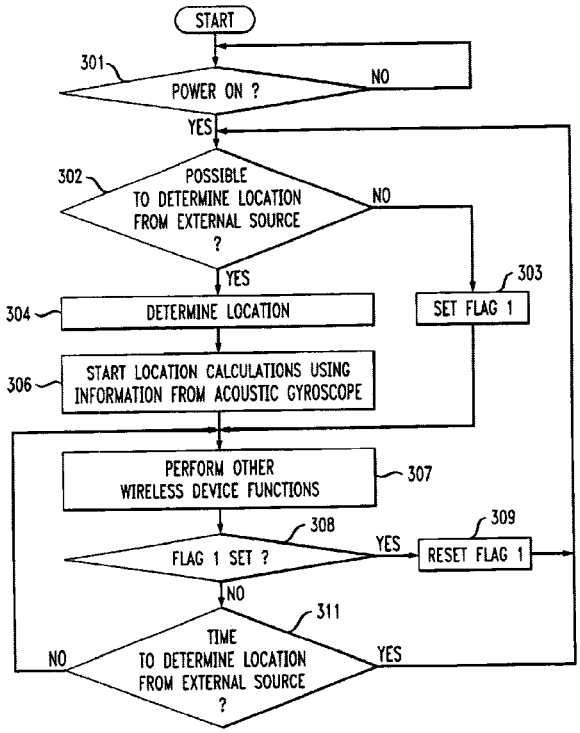
(57) **ABSTRACT**

Accurately determining a location of a device by using an acoustic gyroscope within the device The acoustic gyroscope is periodically adjusted using information from external sources.

27 Claims, 2 Drawing Sheets