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(54) Title: VIBRATION DETECTOR AND METHOD

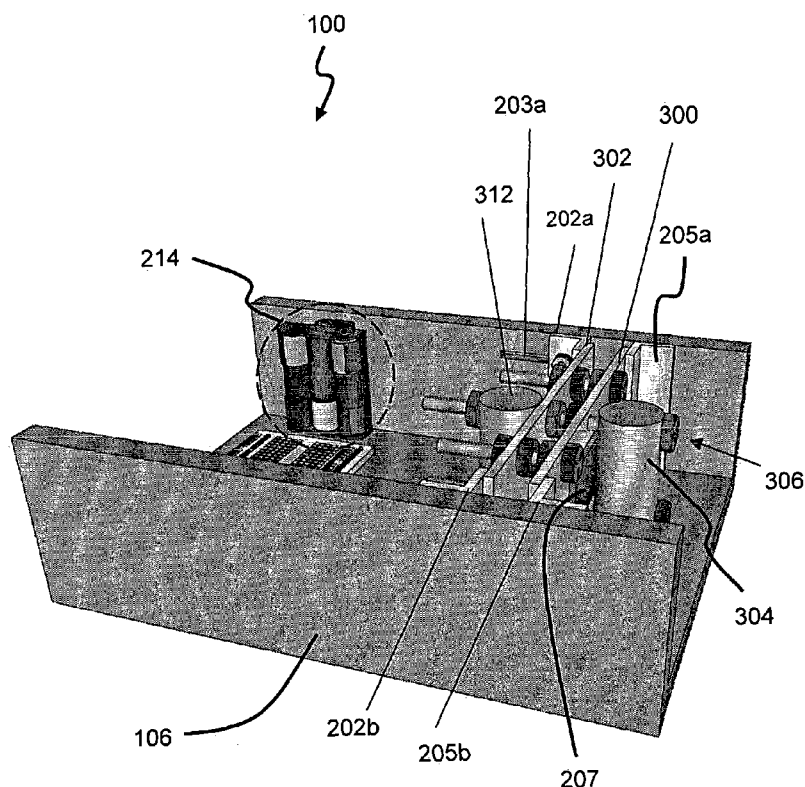


Figure 2B

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(57) Abstract: A vibration detector (100) is disclosed herein. In a first embodiment, the vibration detector (100) comprises a support member (300, 302) arranged to vibrate, and a sensor (207) arranged to detect a vibration frequency of the support member (300, 302). The vibration frequency to be detected is dependent on the support member's mechanical structure, in which the support member's mechanical structure is mechanically reconfigurable to vary the vibration frequency to be detected by the sensor (207).