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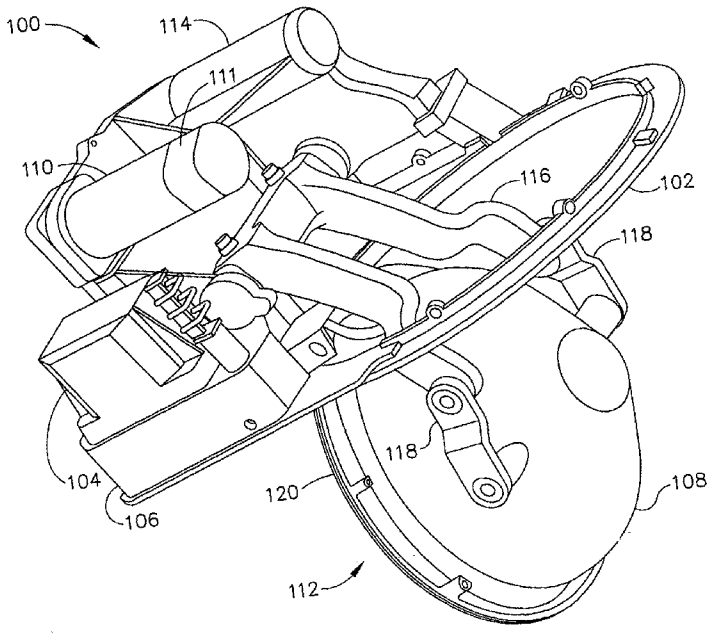
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(54) Title: ELECTRONICALLY CONTROLLED AIRCRAFT RETRACTABLE LANDING LIGHT WITH MANUAL REFRACTION CAPABILITY




(57) Abstract: An electronically controlled retractable landing light (100) for use with aircraft. A controller (106) compares the commanded position of a lighthead (108) by means of a contactless absolute position sensor (212).Operation of a brake (111), motor (110), and lamp (112) is controlled by a control unit (210). Electrical power to the brake (111), motor (110), and lamp (112) is slowly applied and removed to reduce electromagnetic emissions and extend the service life of a power stage (208), brake (111), motor (110), and lamp (112). The lighthead (108) may be manually stowed in the event of a fault.

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