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(54) Title: A VACUUM BREAK VALVE STRUCTURE

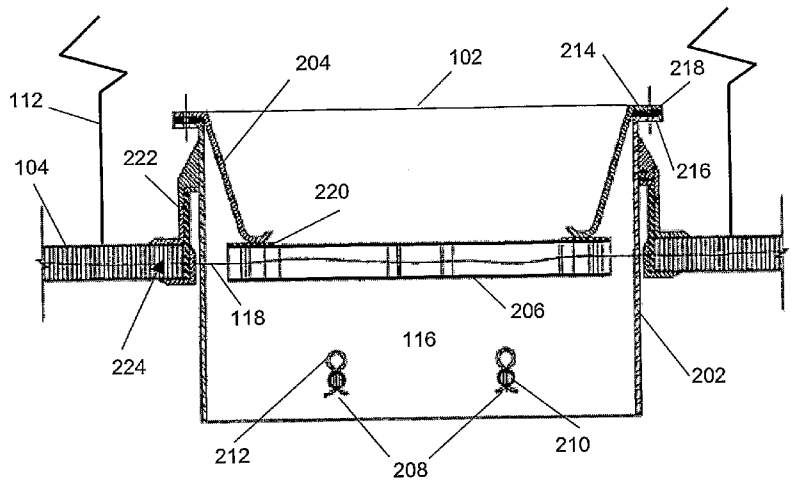


Figure 2

(57) Abstract: A vacuum break valve structure for an internal floating cover of a liquid storage tank and a method for preventing negative pressure buildup on an underside of an internal floating cover in a liquid storage tank. The vacuum break valve structure comprising a valve seat connected to said cover and defining an opening through said cover; a float valve not connected to the valve seat and disposed for substantially free movement under buoyancy between an open state and a closed state; wherein in the closed state the float valve contacts the valve seat and in the open state there is a passageway between the float valve and the valve seat.

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