

Title (en)
A VACUUM BREAK VALVE STRUCTURE

Title (de)
VAKUUMUNTERBRECHUNGSVENTILSTRUKTUR

Title (fr)
STRUCTURE DE SOUPAPE CASSE-VIDE

Publication
EP 2174044 A1 20100414 (EN)

Application
EP 07794239 A 20070731

Priority
SG 2007000225 W 20070731

Abstract (en)
[origin: WO2009017459A1] 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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