

Title (en)  
SMART LIQUID DELIVERY NOZZLE ASSEMBLY

Title (de)  
INTELLIGENTE ZAPFPISTOLENANLAGE

Title (fr)  
ENSEMBLE INTELLIGENT BUSE DE DISTRIBUTION DE LIQUIDE

Publication  
**EP 2358629 B1 20150506 (EN)**

Application  
**EP 09737126 A 20091006**

Priority  
• GB 2009051322 W 20091006  
• GB 0818248 A 20081006

Abstract (en)  
[origin: WO2010041057A2] A nozzle assembly operable to deliver fluid to a tank to be filled and to sense a level of fluid in the tank, the assembly having a fluid outlet and a sensor portion, the sensor portion comprising a pressure sensor provided in fluid communication with a sensor conduit, the sensor conduit having a sensor conduit aperture provided therein, the assembly being operable in use whereby when a level of liquid in the tank being filled rises above a level of the sensor conduit aperture, the sensor conduit aperture is closed by the liquid and a pressure of gas trapped in the sensor conduit increases thereby indicating a "tank full" condition, the assembly being arranged to detect the increase in pressure of gas and to generate a pressure increase signal indicative of the increase in pressure when the increase in pressure is detected.

IPC 8 full level  
**B67D 7/14** (2010.01); **B67D 7/42** (2010.01); **B67D 7/46** (2010.01)

CPC (source: EP US)  
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