Title (en)
FILL LEVEL MONITORING

Title (de)
FÜLLSTANDÜBERWACHUNG

Title (fr)
SURVEILLANCE DE NIVEAU DE REMPLISSAGE

Publication
EP 2753900 A1 20140716 (DE)

Application
EP 12751302 A 20120814

Priority
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Abstract (en)
[origin: WO2013034412A1] A method for controlling the fill level of a collecting vessel is proposed, wherein the collecting vessel is capable of being filled with a dielectric medium. A fill level is monitored by means of a monitoring circuit with a measuring capacitor, the capacity of which changes steadily in correlation with the fill level, at least beyond a fill level range of the collecting vessel. The method comprises the following steps: determining a capacity of the measuring capacitor; determining the quality of the measuring capacitor; determining a permittivity of the dielectric medium on the basis of the quality of the measuring capacitor; determining a fill level of the collecting vessel on the basis of the determined capacity of the measuring capacitor and the permittivity of the dielectric medium; fill level-dependent drainage of the dielectric medium from the collecting vessel.

IPC 8 full level
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See references of WO 2013034412A1

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