Title (en)

METHOD FOR DETERMINING AND MONITORING THE LEVEL OF A MEDIUM IN A CONTAINER ACCORDING TO A RUNTIME MEASUREMENT METHOD

Title (de)

VERFAHREN ZUR ERMITTLUNG UND ÜBERWACHUNG DES FÜLLSTANDS EINES MEDIUMS IN EINEM BEHÄLTER NACH EINEM LAUFZEITMESSVERFAHREN

Title (fr)

PROCÉDÉ DE DÉTERMINATION ET DE SURVEILLANCE DU NIVEAU DE REMPLISSAGE D'UN CONTENANT, RENFERMANT UN FLUIDE, SELON UN PROCÉDÉ DE MESURE DU TEMPS DE PROPAGATION

Publication

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Application

EP 10776682 A 20101111

Priority

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Abstract (en)

[origin: WO2011076478A2] The invention relates to a method for determining and monitoring the level of a medium in a container by means of a field device according to a runtime measurement method, wherein corresponding application and device related test signals and response signals to be expected from a fill level surface are determined in a teaching phase and application and device related comparison signals are determined therefrom, wherein test signals are output in the direction of the medium and application and device related response signals are received in an operating phase and the comparison signals are compared to the response signals by means of a comparison algorithm and a value for a probability of matching (w) is determined, wherein the fill level is determined and output as a measurement value upon the determined value of the matching probability exceeding a predefined threshold and/or a new test signal is output for once again determining a response signal upon falling short of the predefined threshold.

IPC 8 full level

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CPC (source: EP US)

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