

Title (en)
METHOD FOR DETERMINING AND MONITORING THE FILLING LEVEL OF A MEDIUM IN A CONTAINER ACCORDING TO A PROPAGATION TIME MEASUREMENT METHOD

Title (de)
VERFAHREN ZUR ERMITTLUNG UND ÜBERWACHUNG DES FÜLLSTANDS EINES MEDIUMS IN EINEM BEHÄLTER NACH EINEM LAUFZEITMESSVERFAHREN

Title (fr)
PROCÉDÉ POUR DÉTERMINER ET SURVEILLER LE NIVEAU D'UN FLUIDE DANS UN RÉCIPIENT SELON UN PROCÉDÉ DE MESURE DU TEMPS DE PROPAGATION

Publication
EP 2104839 A1 20090930 (DE)

Application
EP 07857786 A 20071219

Priority
• EP 2007064163 W 20071219
• DE 102006062606 A 20061229

Abstract (en)
[origin: DE102006062606A1] The method involves transmitting a transmission signal (S) in a direction of a medium (7) and receiving a reflection signal (R). A continuous echo result of position change and/or amplitude change of individual echo signals and/or useful echo signals is implemented in an echo function by a dynamic echo search algorithm. Shielding curve, evaluation curve and/or an echo parameter of a static echo search algorithm is adjusted based on the position change and/or amplitude change of the individual and/or useful echo signals of the echo result by the dynamic echo search algorithm.

IPC 8 full level
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CPC (source: EP US)
G01F 23/284 (2013.01 - EP US); **G01F 23/2962** (2013.01 - EP US)

Citation (search report)
See references of WO 2008080840A1

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DE 102006062606 A 20061229; CN 200780048864 A 20071219; EP 07857786 A 20071219; EP 2007064163 W 20071219; US 44835407 A 20071219