

Title (en)

DEVICE FOR MEASURING VOLUMES OF A LIQUID IN A CONTAINER BY MEASURING AN EMITTED HIGH-FREQUENCY RADIATION

Title (de)

VORRICHTUNG ZUR MESSUNG VON VOLUMINA EINER FLÜSSIGKEIT IN EINEM BEHÄLTNIS MITTELS MESSUNG EINER ABGEGEBEN HOCHFREQUENTEN STRAHLUNG

Title (fr)

DISPOSITIF DE MESURE DE VOLUMES D'UN LIQUIDE CONTENU DANS UN RÉCIPIENT À L'AIDE D'UN RAYONNEMENT HAUTE FRÉQUENCE FOURNI

Publication

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Application

EP 20837970 A 20201217

Priority

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Abstract (en)

[origin: WO2021122897A1] The invention relates to devices (1) for measuring volumes of a liquid in a container (B) by measuring an emitted high-frequency radiation, having • a control unit (C), • a transmitter (TX) and a receiver (RX), • wherein the control unit (C) is configured to actuate the transmitter such that the transmitter (TX) emits high-frequency radiation, and wherein the control unit (C) is further configured to evaluate the high-frequency radiation reflected by the container (B) and recorded by the receiver (RX) such that a measure for the volume of the liquid in the container (B) is determined from a channel state information. The invention further relates to a device (1) for measuring volumes of a liquid in a container (B) by measuring an emitted high-frequency radiation, having • a control unit (C), • a transmitter (TX) and a receiver (RX), • wherein the control unit (C) is configured to actuate the transmitter such that the transmitter (TX) emits high-frequency radiation, and wherein the control unit (C) is further configured to evaluate the high-frequency radiation reflected or transmitted by the container (B) and recorded by the receiver (RX) such that a measure for the volume of the liquid in the container (B) is determined from a channel state information.

IPC 8 full level

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Citation (search report)

See references of WO 2021122897A1

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