

Title (en)

PROCEDURE AND APPARATUS FOR THE CALIBRATION OF A LIQUID MEASURING APPARATUS

Title (de)

VERFAHREN UND VORRICHTUNG ZUR KALIBRATION EINER FLÜSSIGKEITSMESSVORRICHTUNG

Title (fr)

PROCEDE ET APPAREIL D'ETALONNAGE D'UN APPAREIL DE MESURE DU NIVEAU D'UN LIQUIDE

Publication

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Application

EP 95900159 A 19941116

Priority

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Abstract (en)

[origin: WO9514217A1] Procedure and apparatus for the calibration of an apparatus measuring the level of a liquid in a container (1), which measuring apparatus uses a cylindrical float (5) of the buoyancy type placed in the container (1) and having a height at least nearly equal to that of the container (1) and a transducer unit (6) mounted in conjunction with the float (5) and provided with a control unit (13). The float (5) is provided with at least one point of discontinuity (A-D) located within the range of variation of the liquid level (2), at which point the external diameter of the float changes. The quantity of liquid removed from or supplied into the container (1) is measured independently of the liquid level measurement. With the aid of the liquid quantity measurement independent of the liquid level measurement at least one float discontinuity determined during the liquid level measurement is caused to correspond to the real value of the point of discontinuity.

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