

Title (en)

ULTRASOUND LEVEL MEASUREMENT DEVICE WITH RECOGNITION OF MAXIMUM LEVEL

Title (de)

ULTRASCHALL-FÜLLSTANDSMESSVORRICHTUNG MIT GRENZSTANDSERKENNUNG

Title (fr)

DISPOSITIF DE MESURE DE NIVEAU DE REMPLISSAGE PAR ULTRASON AVEC DÉTECTION D'UN NIVEAU LIMITE

Publication

**EP 2160575 A1 20100310 (DE)**

Application

**EP 08735113 A 20080409**

Priority

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- DE 102007028217 A 20070620

Abstract (en)

[origin: WO2008154975A1] The invention relates to an ultrasound level measurement device with a support device (6) which supports an ultrasound transducer (9) as well as a maximum level reflector (10). A valve head (5) serves as a holder for holding the support device (6) on the wall of a container (1). The support device (6) is curved over the length thereof in at least two, in particular three, places between the holder (5) and the ultrasound transducer (9). Through suitable arrangement of flat sections and curved places, the support device (6) can be introduced together with the ultrasound transducer (9) and the maximum level reflector (10), through an already existing opening (3) into the container (1), without necessitating structural changes to the container (1).

IPC 8 full level

**G01F 23/296** (2006.01)

CPC (source: EP KR)

**G01F 23/28** (2013.01 - KR); **G01F 23/296** (2013.01 - KR); **G01F 23/2962** (2013.01 - EP); **G01F 23/2968** (2013.01 - EP)

Citation (search report)

See references of WO 2008154975A1

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