

Title (en)

GAUGE COMPRISING A MAGNETO-RESISTIVE SENSOR, FOR LIQUID LEVEL REMOTE MEASURING SYSTEM ON RESERVOIRS

Title (de)

MESSVORRICHTUNG MIT EINEM MAGNETORESISTIVEN SENSOR FÜR FLÜSSIGKEITSPEGELFERNMESSUNGSSYSTEME IN BEHÄLTERN

Title (fr)

JAUGE COMPRENANT UN CAPTEUR MAGNETORESISTANT DESTINEE A UN SYSTEME DE MESURE DE NIVEAU DE LIQUIDE A DISTANCE SUR DES RESERVOIRS

Publication

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Application

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Priority

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Abstract (en)

[origin: WO0233364A1] The present invention, consists in a gauge, that attached to the coupling surface for liquid measuring instruments (1), which is positioned on the upper and outer part of a liquid reservoir, (2), normally used for fuel or other liquid storage, can convert in an electric signal remotely transmitted, the information related to the liquid level inside the reservoir. The reservoir itself, already contains a complementary measuring device composed by a buoy and magnet mechanism, (2, 6). This gauge embodies (magneto-resistive" type-"GMR" effect based sensors, (7) used to determine the direction of the magnetic field through insensitive to the intensity of this one provoked by the rotation of a magnet, (5, 10), within that reservoir, (2).

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