

Title (en)
RADIOMETRIC LEVEL GAUGE

Title (de)
RADIOMETRISCHES FÜLLSTANDSMESSGERÄT

Title (fr)
APPAREIL RADIOMETRIQUE DE MESURE DE NIVEAU DE REMPLISSAGE

Publication
EP 1716396 A1 20061102 (DE)

Application
EP 05716689 A 20050214

Priority
• EP 2005050639 W 20050214
• DE 102004007680 A 20040216

Abstract (en)
[origin: WO2005078397A1] Disclosed is a radiometric gauge which can be installed and operated inexpensively and is to be mounted on a container (3) that can be filled with a filling material (1). Said gauge comprises a radioactive emitter (5) which emits radioactive radiation through the container (3) during operation, at least two detectors (Di) that absorb radiation penetrating the container (3) and generate an electrical pulse rate (Ni) corresponding to the absorbed radiation. The detectors (Di) are interconnected by means of a single wire that extends outside the detectors (Di) while being connected to a higher-level unit (23) via which pulse rates (Ni) and the status of the detectors (Di) are transmitted, said status being transmitted in the form of offsets (Oi).

IPC 8 full level
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CPC (source: EP US)
G01F 23/288 (2013.01 - EP US); **G01F 23/80** (2022.01 - EP US)

Citation (search report)
See references of WO 2005078397A1

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