

Title (en)

FILLING LEVEL MEASURING APPARATUS FOR FLEXIBLE SILOS

Title (de)

FÜLLSTANDSMESSVORRICHTUNG FÜR FLEXIBLE SILOS

Title (fr)

DISPOSITIF DE MESURE DE NIVEAU DE REMPLISSAGE POUR SILOS FLEXIBLES

Publication

EP 2201339 A1 20100630 (DE)

Application

EP 08805198 A 20081009

Priority

- EP 2008063570 W 20081009
- DE 202007014056 U 20071009

Abstract (en)

[origin: WO2009047310A1] A filling level sensor for determining a filling level in a silo made of a flexible material is provided, wherein the flexible material forms a flexible container (102) with a flexible wall. The sensor contains a first electrode (103) which is provided adjacent to or inside the flexible wall, a second electrode (103) which is provided at a predetermined distance from the first capacitor electrode and adjacent to or inside the flexible wall, sensor electronics (110) which contain a resonant circuit (112), wherein the first electrode and the second electrode are electrically connected to the sensor electronics and are electrically insulated from one another, and a monitoring unit (250) which is suitable for converting a value provided by the sensor electronics into a filling level.

IPC 8 full level

G01F 23/26 (2006.01); **B65D 88/16** (2006.01); **B65D 90/48** (2006.01)

CPC (source: EP)

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Citation (search report)

See references of WO 2009047310A1

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