

Title (en)
REMOTE MONITORING OF STORAGE CONTAINERS FOR PRESSURIZED BEER

Title (de)
FERNÜBERWACHUNG VON LAGERUNGSBEHÄLTERN FÜR UNTER DRUCK STEHENDES BIER

Title (fr)
TÉLÉSURVEILLANCE D UN FÛT DE BIÈRE SOUS PRESSION

Publication
EP 2352973 A4 20120530 (EN)

Application
EP 09825067 A 20091105

Priority
• SE 2009051257 W 20091105
• SE 0850069 A 20081107

Abstract (en)
[origin: WO2010053439A1] Method for remote monitoring of storage containers (1) for beer by means of a remote monitoring system, which has a sensor unit placed in each storage container, a receiving unit (19) arranged adjacent to the storage containers, and a data storage unit (23) arranged at a distance from the storage containers. The sensor unit has a distance meter, a processor, a radio transmitter and a pulse circuit. The method comprises the step of the pulse circuit initiating a measurement sequence by sending an initialisation signal to the processor, which measurement sequence has the steps of the distance meter measuring the distance to the liquid surface of the beer and a volume value for the quantity of beer being estimated. The method furthermore has the step that a reporting sequence is initiated, which has the steps that a data message is composed, comprising the volume value and a unique identification number for the sensor unit, the data message is sent to the radio transmitter, which sends out the data message as a radio signal internally in the storage container so that it reaches the receiving unit, which receives the radio signal and relays the volume value and identification number to the data storage unit, which keeps these in a database.

IPC 8 full level
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CPC (source: EP SE)
B67D 1/0871 (2013.01 - SE); **G01F 23/296** (2013.01 - SE); **G01F 23/2962** (2013.01 - EP)

Citation (search report)
• [YA] WO 03101022 A2 20031204 - MARCONI INTELLECTUAL PTY [US]
• [YA] WO 2008040434 A2 20080410 - KHS AG [DE], et al
• [YA] US 2004004551 A1 20040108 - EARLY GAY M [US]
• [A] EP 1850098 A2 20071031 - SINTES HUGH CORUM [NZ], et al
• See also references of WO 2010053439A1

Designated contracting state (EPC)
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