

**Information on Search Strategy - Pilot phase (see OJ 2015, A86)**

The type of information contained in this sheet may change during the pilot for improving the usefulness of this new service.

Application Number

PCT/EP2018/064039

TITLE: RADAR LEVEL GAUGE

APPLICANT: ROSEMOUNT TANK RADAR AB

IPC CLASSIFICATION: G01F23/284, G01S13/88

EXAMINER: Myrillas, K

CONSULTED DATABASES: NPL, WPI, EPODOC

CLASSIFICATION SYMBOLS DEFINING EXTENT OF THE SEARCH:

IPC:

CPC: G01F23/284, G01S13/88, G06F13/28, G11C5/148, G11C11/417

FI/F-TERMS:

KEYWORDS OR OTHER ELEMENTS FEATURING THE INVENTION:

A radar level gauge for determining a filling level of a product in a tank, comprising a volatile high-speed working memory, a first processing unit connected to the volatile high-speed working memory, the first processing unit having an active mode in which the first processing unit is turned on and accesses the working memory, and an inactive mode where the first processing unit is turned off, memory loading circuitry, separate from the first processing unit, configured to transfer software code from a non-volatile memory into the volatile high-speed working memory while the first processing unit is in inactive mode, and an auxiliary power connection configured to provide power only to the volatile high-speed working memory and the memory loading circuitry. With this design, the memory loading circuitry and working memory can be powered separately, thereby allowing loading of software code without activating the relatively power-hungry processor.