

Title (en)  
LEVEL METER

Title (de)  
FÜLLSTANDSMESSGERÄT

Title (fr)  
APPAREIL POUR MESURER UN NIVEAU DE REMPLISSAGE

Publication  
**EP 1325289 A1 20030709 (DE)**

Application  
**EP 01965161 A 20010802**

Priority  
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• EP 0108962 W 20010802

Abstract (en)  
[origin: US2002040596A1] A filling level gage operating with microwaves, for measuring a filling level of a filling material (5) in a container (1), is provided which functions with a single antenna (7) constructed as simply as possible, and in which a minimum distance required for measurement between the filling material (5) and the antenna (7) is as small as possible, having a microwave generator (39), and an antenna (7) with planar antenna structure, which is used to transmit the microwaves in the direction of the filling material (5) and to receive microwaves reflected from a filling material surface, in which the planar antenna structure has at least two transmission and/or reception elements (11, 13, 33, 35, 37, S, E).

IPC 1-7  
**G01F 23/284**

IPC 8 full level  
**G01F 23/284** (2006.01)

CPC (source: EP US)  
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