

Title (en)  
WIRELESS DEVICE

Title (de)  
DRAHTLOSE VORRICHTUNG

Title (fr)  
DISPOSITIF SANS FIL

Publication  
**EP 2863474 A1 20150422 (EN)**

Application  
**EP 13804999 A 20130605**

Priority  
• JP 2012135692 A 20120615  
• JP 2013003534 W 20130605

Abstract (en)  
A gas meter includes a metal housing (410), a radiation conductor (440) configured to radiate a radio wave which is a high frequency signal, and a circuit board (441) having a power supply circuit (445) configured to supply high frequency power to the radiation conductor (440). A ground of the circuit board (441), i.e., a ground of the power supply circuit (445) is in electrical connection to the metal housing (410) via a lead wire (443) and one screw (423). A power supply point (442) for the radiation conductor (440) is located in a corner portion of the metal housing (410).

IPC 8 full level  
**H01Q 1/24** (2006.01); **H01Q 9/38** (2006.01)

CPC (source: EP)  
**H01Q 1/2233** (2013.01); **H01Q 9/0421** (2013.01); **H01Q 9/42** (2013.01)

Designated contracting state (EPC)  
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Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
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**EP 13804999 A 20130605**; CN 201380031678 A 20130605; JP 2013003534 W 20130605; JP 2014520907 A 20130605