

Title (en)
LEVEL GAUGE

Title (de)
FÜLLSTANDSMESSGERÄT

Title (fr)
APPAREIL DE MESURE DE NIVEAU

Publication
EP 1451537 A1 20040901 (DE)

Application
EP 02787881 A 20021130

Priority
• DE 10159394 A 20011204
• EP 0213540 W 20021130

Abstract (en)
[origin: WO03048696A1] Disclosed is a level gauge operating with microwaves, comprising an antenna for sending or sending and receiving microwaves. The inventive level gauge is provided with a metallic outer conductor (7) and a ceramic inner conductor (9) which is fixed in a pressure-proof and gas-tight manner in the outer conductor (7). The inner conductor (9) or the outer conductor (7) has a coating made of fluorinated thermoplastic (19). The inner conductor (9) is fixed in the outer conductor (9) by means of hot pressing. The inner conductor (9) and the outer conductor (7) have identical cone-shaped surface areas (15) in the press fit area.

IPC 1-7
G01F 23/284; **H01Q 1/22**

IPC 8 full level
G01F 23/284 (2006.01); **H01Q 1/22** (2006.01); **H01Q 9/04** (2006.01); **H01Q 13/02** (2006.01)

CPC (source: EP US)
G01F 23/284 (2013.01 - EP US); **H01Q 1/225** (2013.01 - EP US); **H01Q 9/0485** (2013.01 - EP US); **H01Q 13/02** (2013.01 - EP US)

Citation (search report)
See references of WO 03048696A1

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