

Title (en)
GAS METER

Title (de)
GASZÄHLER ZUR MESSUNG UND NORMIERTEN ZÄHLUNG EINES GASSTROMS

Title (fr)
COMPTEUR A GAZ

Publication
EP 1368621 A2 20031210 (DE)

Application
EP 02727191 A 20020306

Priority
• DE 0200791 W 20020306
• DE 10111147 A 20010308

Abstract (en)
[origin: WO02073141A2] Gas meters, particularly industrial bellows-type gas flow meters, rotating piston gas meters and turbine flowmeters, have the following drawback in that due to the prescribed mechanical reading of the meter result, which occurs in the pressure area of the gas meter and which is used for testing and calibrating purposes, the entire meter including pressure cases has to be brought, in most cases, to remote testing stations. A novel counting chip (14), which is supplied by the counting pulses alone without any additional power supply and which generates a meter result that can be stored, enables a conventional electronic or mechanical counting mechanism to be used for displaying, remote reading or billing purposes. The counting chip (14) is thus used for storing the meter result. In order to check and/or read out the meter result, the counting chip (14) is connected to an external power supply.

IPC 1-7
G01F 1/075; G01F 1/115; G01F 15/06

IPC 8 full level
G01F 1/075 (2006.01); **G01F 1/115** (2006.01); **G01F 15/06** (2006.01)

CPC (source: EP)
G01F 1/075 (2013.01); **G01F 1/115** (2013.01); **G01F 15/068** (2013.01)

Citation (search report)
See references of WO 02073141A2

Designated contracting state (EPC)
AT BE CH CY DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
WO 02073141 A2 20020919; **WO 02073141 A3 20021205**; AU 2002257520 A1 20020924; DE 10111147 A1 20020926;
DE 10111147 B4 20060202; EP 1368621 A2 20031210

DOCDB simple family (application)
DE 0200791 W 20020306; AU 2002257520 A 20020306; DE 10111147 A 20010308; EP 02727191 A 20020306