

Title (en)
AN ELECTRICITY METER

Title (de)
STROMZÄHLER

Title (fr)
COMPTEUR ELECTRIQUE

Publication
EP 1889076 A1 20080220 (EN)

Application
EP 06741602 A 20060524

Priority
• CH 2006000272 W 20060524
• GB 0510646 A 20050525

Abstract (en)
[origin: GB2426596A] An electricity meter for measuring the amount of electrical energy supplied by an electrical power supplier to an electrical power consumer via an electrical power distribution circuit consisting of at least two electrical supply leads and a safety lead. The meter comprises a current sensor for sensing the current flowing in at least one of the electrical supply leads, and a voltage sensor for sensing the voltage across a measurement load and an energy sensor responsive to the current and voltage sensors. The meter is provided with an internal power supply whereby the measurement circuitry can remain actively powered in the event of a fraud where the voltage sensor is disabled, such that current measurement can take place and whereby relative measurement of power can be determined by use of a representative voltage value.

IPC 8 full level
G01R 11/24 (2006.01)

CPC (source: EP GB)
G01R 11/24 (2013.01 - GB); **G01R 21/06** (2013.01 - GB); **G01R 22/066** (2013.01 - EP)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL HR MK YU

DOCDB simple family (publication)
GB 0510646 D0 20050629; **GB 2426596 A 20061129**; **GB 2426596 B 20100714**; EP 1889076 A1 20080220; WO 2006125336 A1 20061130

DOCDB simple family (application)
GB 0510646 A 20050525; CH 2006000272 W 20060524; EP 06741602 A 20060524