

Title (en)

MEASURING DEVICE FOR MEASURING A PROCESS VARIABLE

Title (de)

MESSEINRICHTUNG ZUR MESSUNG EINER PROZESSVARIABLEN

Title (fr)

DISPOSITIF DE MESURE SERVANT A MESURER UNE VARIABLE DE PROCESSUS

Publication

EP 1301914 B1 20040310 (DE)

Application

EP 01947296 A 20010519

Priority

- DE 10034684 A 20000717
- EP 0105769 W 20010519

Abstract (en)

[origin: US6512358B2] The invention is directed to a measuring device for measuring an industrial process variable with a predetermined maximum power consumption by the measuring device. More specifically, the invention relates to a measuring device for connection to a current loop, in particular a 4-20 ma current loop, or to a digital communication, comprising devices for regulating the measuring operation of the measuring device in adaptation to the predetermined power consumption, wherein the regulating devices regulate to power consumption by the measuring operation of the measuring device in such fashion that this power consumption is approximated to the predetermined power consumption without the predetermined power consumption being exceeded.

IPC 1-7

G08C 19/02

IPC 8 full level

G08C 19/02 (2006.01)

CPC (source: EP US)

G08C 19/02 (2013.01 - EP US)

Cited by

DE102012109010A1; DE102008016940A1; US9891141B2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

WO 0207124 A1 20020124; AT E261606 T1 20040315; AU 6902201 A 20020130; DE 10034684 A1 20020131; DE 50101670 D1 20040415; EP 1301914 A1 20030416; EP 1301914 B1 20040310; US 2002005713 A1 20020117; US 6512358 B2 20030128

DOCDB simple family (application)

EP 0105769 W 20010519; AT 01947296 T 20010519; AU 6902201 A 20010519; DE 10034684 A 20000717; DE 50101670 T 20010519; EP 01947296 A 20010519; US 73055700 A 20001207