

Title (en)

DEVICE AND METHOD FOR INSPECTING A FREQUENCY-MODULATED PULSE GENERATOR

Title (de)

VORRICHTUNG UND VERFAHREN ZUR ÜBERPRÜFUNG EINES FREQUENZMODULIERTEN TAKTGEBERS

Title (fr)

DISPOSITIF ET PROCÉDÉ DE VÉRIFICATION D'UN GÉNÉRATEUR D'IMPULSIONS À FRÉQUENCE MODULÉE

Publication

EP 2338066 A1 20110629 (DE)

Application

EP 09782155 A 20090825

Priority

- EP 2009060921 W 20090825
- DE 102008042847 A 20081015

Abstract (en)

[origin: WO2010043439A1] The invention relates to a method and to a device for inspecting a frequency-modulated pulse generator (1), the device comprising: a cycle counting unit (5, 24) for counting pulse cycles (f_{SSO}) of the pulse generator (1, 17, 34) in multiple successive measurement time frames (T_m) particularly defined by a measurement signal (m) having a measurement frequency (f_m), and for outputting cycle counts (z), and a comparison unit (6, 7, 8) for receiving and comparing the cycle counts (z) to each other and for outputting at least one output signal (S2, S6) as a function of the comparison. For this purpose detected maximum and minimum values may be compared to each other.

IPC 8 full level

G01R 23/15 (2006.01); **G01R 31/28** (2006.01)

CPC (source: EP US)

G01R 23/155 (2013.01 - EP US); **G01R 31/2824** (2013.01 - EP US)

Citation (search report)

See references of WO 2010043439A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

DE 102008042847 A1 20100422; EP 2338066 A1 20110629; JP 2012506033 A 20120308; JP 5579186 B2 20140827; US 2011140740 A1 20110616; US 8564379 B2 20131022; WO 2010043439 A1 20100422

DOCDB simple family (application)

DE 102008042847 A 20081015; EP 09782155 A 20090825; EP 2009060921 W 20090825; JP 2011531418 A 20090825; US 200913059012 A 20090825