

Title (en)
PSEUDOPERIODIC LOGIC SIGNAL GENERATOR

Title (de)
GENERATOR FÜR PSEUDOPERIODISCHE LOGISCHE SIGNALE

Title (fr)
GENERATEUR DE SIGNAL LOGIQUE PSEUDOPERIODIQUE

Publication
EP 2057533 A1 20090513 (FR)

Application
EP 07823652 A 20070727

Priority
• FR 2007051737 W 20070727
• FR 0607639 A 20060830

Abstract (en)
[origin: WO2008025911A1] Generator of a pseudoperiodic logic signal of mean period T_{mean} comprising: a reference clock (5) of period T_{ref} , a logic memory means (6), changing state on receipt of a pulse, a first means (7) for producing a nominal pulse on completion of a base time interval $T_{\text{sec}} = K \text{ OET}_{\text{ref}}$, with K an integer, a second means (8) of producing a shifted pulse on completion of a modified time interval $T'_{\text{sec}} = (K \pm 1) \text{ OET}_{\text{ref}}$, a selector means (10, 12) capable of selecting the means which produces the pulse, in such a way as to regularly include a shifted pulse so as to correct the mean period, in order to generate a pseudoperiodic signal. Application to the driving of a resonator for producing a plasma spark for radiofrequency ignition.

IPC 8 full level
G06F 7/00 (2006.01); **H03K 5/00** (2006.01)

CPC (source: EP KR US)
G06F 7/00 (2013.01 - KR); **G06F 7/62** (2013.01 - EP US); **H03K 5/00** (2013.01 - KR); **F02P 9/007** (2013.01 - EP US);
G06F 7/58 (2013.01 - EP US)

Citation (search report)
See references of WO 2008025911A1

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 MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
WO 2008025911 A1 20080306; BR PI0716429 A2 20140311; BR PI0716429 B1 20181121; CN 101501632 A 20090805; CN 101501632 B 20110504; EP 2057533 A1 20090513; FR 2905538 A1 20080307; FR 2905538 B1 20081031; JP 2010502148 A 20100121; JP 4960457 B2 20120627; KR 101446126 B1 20141002; KR 20090064368 A 20090618; MX 2009002203 A 20090520; RU 2009111249 A 20101010; RU 2439789 C2 20120110; US 2009323249 A1 20091231; US 7974068 B2 20110705

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