

Title (en)

Programmable pacer with variable amplifier gain.

Title (de)

Programmierbarer Schrittmacher mit variabler Verstärkung.

Title (fr)

Stimulateur programmable avec amplificateur a gain variable.

Publication

EP 0000984 A1 19790307 (DE)

Application

EP 78300237 A 19780803

Priority

- GB 3491777 A 19770819
- US 91714278 A 19780619

Abstract (en)

An implanted receiver-decoder stores program bits corresponding to rate alteration and to input amplifier sensitivity. The former bits operate a rate decoder (4) which in turn is responsive to predetermined outputs of a fixed rate oscillatorcounter (1, 2). The input amplifier (12) is connected to the intermediate tap of a potential divider (11, 14, 15), one arm (11) of which senses signals at the heart, and the other of which is either set at a fixed potential, or is allowed to float, under control of the input amplifier sensitivity programming signal.

IPC 1-7

A61N 1/36

IPC 8 full level

A61N 1/372 (2006.01)

CPC (source: EP)

A61N 1/37211 (2013.01)

Citation (search report)

- [X] LU 76880 A1 19770712
- US 3830242 A 19740820 - GREATBATCH W
- ELECTRONICS, vol. 48, nr. 14, July 10, 1975, New York. C.J. HARTLEY: "Digital word sets gain of amplifier", pages 94,95

Cited by

EP0491907A4; EP0011932A3; FR2440199A1; US11944526B2

Designated contracting state (EPC)

DE FR GB NL SE

DOCDB simple family (publication)

EP 0000984 A1 19790307; EP 0000984 B1 19830511; AU 3895778 A 19800221; CA 1098591 A 19810331; DE 2862246 D1 19830616

DOCDB simple family (application)

EP 78300237 A 19780803; AU 3895778 A 19780816; CA 309563 A 19780817; DE 2862246 T 19780803