

Title (en)

Demand pacer having reduced recovery time.

Title (de)

Bedarfschrittmacher mit einer verminderten Erholungszeit.

Title (fr)

Stimulateur du type à la demande ayant un temps de rétablissement réduit.

Publication

**EP 0000989 A1 19790307 (DE)**

Application

**EP 78300243 A 19780803**

Priority

- GB 3491577 A 19770819
- US 91713178 A 19780619

Abstract (en)

In a demand pacer, an input amplifier (1) senses stimulating pulses and natural heart beat signals, and responsively thereto establishes control of a subsequent stimulating pulse. Charge accumulation on an output capacitor (8) governs recovery time after each generated stimulating pulse. Respective first (10) and second (12) flip-flops, responsive to the input amplifier and the demand pacing logic, establishes a reduced recovery time, after each generated pulse, wherein charge accumulated on the output capacitor is dissipated.

IPC 1-7

**A61N 1/36**

IPC 8 full level

**A61N 1/365** (2006.01)

CPC (source: EP)

**A61N 1/365** (2013.01)

Citation (search report)

- US 3835865 A 19740917 - BOWERS D
- FR 2241287 A1 19750321 - SIEMENS AG [DE]
- US 3563247 A 19710216 - BOWERS DAVID L
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Designated contracting state (EPC)

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**EP 0000989 A1 19790307; EP 0000989 B1 19811125; AU 3895578 A 19800221; CA 1098590 A 19810331; DE 2861354 D1 19820128**

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**EP 78300243 A 19780803; AU 3895578 A 19780816; CA 309561 A 19780817; DE 2861354 T 19780803**