

Title (en)
PULSE GENERATING DEVICE

Title (de)
IMPULSERZEUGUNGSVORRICHTUNG

Title (fr)
DISPOSITIF DE GÉNÉRATION D'IMPULSIONS

Publication
EP 1962943 A2 20080903 (EN)

Application
EP 06849169 A 20061128

Priority
• US 2006061282 W 20061128
• US 59737205 P 20051128

Abstract (en)
[origin: WO2007081612A2] A pulse generator has a rigid body with a resilient flow conduit passing therethrough. Pressure is periodically selectively applied to the interior of the body which compresses the flow conduit and induces a pressure pulse in the fluid contained therein. The pulse generator may be used as a stand alone pump or in concert with a continuous flow pump to provide a pulsatile output flow having customized waveform characteristics. The pulse generator may be used with medical equipment such as a heart-lung bypass machine or a dialysis machine.

IPC 8 full level
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CPC (source: EP US)
A61M 60/113 (2021.01 - EP US); **A61M 60/531** (2021.01 - EP US); **A61M 60/554** (2021.01 - EP US); **A61M 1/16** (2013.01 - EP US); **A61M 1/3623** (2022.05 - EP US); **A61M 60/43** (2021.01 - EP US); **A61M 2205/33** (2013.01 - EP US); **A61M 2205/3303** (2013.01 - EP US)

Citation (search report)
See references of WO 2007081612A2

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