

Title (en)

POWER CONTROL CIRCUIT FOR STERILIZED DEVICES, AND ASSOCIATED SYSTEMS AND METHODS

Title (de)

LEISTUNGSSTEUERSCHALTUNG FÜR STERILISIERTE GERÄTE UND ZUGEHÖRIGE SYSTEME UND VERFAHREN

Title (fr)

CIRCUIT DE COMMANDE DE PUISSANCE POUR DISPOSITIFS STÉRILISÉS, ET SYSTÈMES ET PROCÉDÉS ASSOCIÉS

Publication

EP 3917612 A4 20220831 (EN)

Application

EP 19913183 A 20190131

Priority

US 2019016153 W 20190131

Abstract (en)

[origin: WO2020159526A1] A power control circuit for use with devices that will be placed in a flammable sterilizing gas includes a bi-stable switch that is configured to produce an output to place the circuitry of a connected device in a run state or a sleep state. The bi-stable switch controls one or more transistors to drain energy from energy storage devices in the circuitry of the connected device to a level below an ignition level of a sterilizing gas. A remotely actuatable switch can be actuated from outside of a packaging in which the power control circuit is placed to cause the bi-stable switch to produce an output that puts the circuitry in the run state without removing the power control circuit from the packaging.

IPC 8 full level

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CPC (source: EP)

A61N 1/36017 (2013.01); **A61N 1/3603** (2017.07); **A61L 2/20** (2013.01); **A61L 2202/18** (2013.01)

Citation (search report)

- [XAI] US 9013938 B1 20150421 - MOSCALUK GARY [US], et al
- [A] US 2009287946 A1 20091119 - LIN CHING-CHUNG [TW]
- [A] US 2007210759 A1 20070913 - SANO KAZUAKI [JP], et al
- [AD] US 2018256892 A1 20180913 - WONG MARK STEVEN [US]
- See references of WO 2020159526A1

Designated contracting state (EPC)

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