

Title (en)

CYCLICAL SUPPLY METHOD AND DEVICE, AND DETECTION DEVICE COMPRISING SAME

Title (de)

ZYKLISCHES VERSORGUNGSVERFAHREN UND VORRICHTUNG SOWIE DETEKTOR DAMIT

Title (fr)

PROCÉDÉ ET DISPOSITIF D'ALIMENTATION CYCLIQUE ET DISPOSITIF DE DÉTECTION LE COMPORTANT

Publication

**EP 2612417 A2 20130710 (FR)**

Application

**EP 11773029 A 20110902**

Priority

- FR 1056982 A 20100902
- FR 2011052021 W 20110902

Abstract (en)

[origin: WO2012028833A2] The invention relates to a detection device, comprising: an electric power supply (110); a voltage regulator (115) suitable for regulating the voltage supplied by the electric power supply; at least one capacitor (120) charged by the voltage regulator; a detection circuit powered by the capacitor; and a switch (130) suitable for deactivating the regulator when the charge of the capacitor is greater than a predetermined value, such that the detection circuit is then powered exclusively by (each of) said capacitor(s). In certain embodiments of the invention, the switch is capable of opening the circuit that comprises the power supply upstream from the regulator, the switch comprises a means for comparing the electrical charge of (each of) said capacitor(s) with said predetermined value, and/or the switch comprises a transistor.

IPC 8 full level

**H02J 7/34** (2006.01); **H02J 9/00** (2006.01)

CPC (source: EP US)

**G05F 3/08** (2013.01 - EP US); **H02J 7/345** (2013.01 - EP US); **H02J 9/005** (2013.01 - EP US)

Citation (search report)

See references of WO 2012028833A2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**WO 2012028833 A2 20120308**; **WO 2012028833 A3 20120531**; EP 2612417 A2 20130710; FR 2964512 A1 20120309; FR 2964512 B1 20130628; US 2013201028 A1 20130808; US 9285819 B2 20160315

DOCDB simple family (application)

**FR 2011052021 W 20110902**; EP 11773029 A 20110902; FR 1056982 A 20100902; US 201113820707 A 20110902