

(21) Application No: **1115013.3**
(22) Date of Filing: **24.02.2010**
(30) Priority Data:
(31) **0903117** (32) **24.02.2009** (33) **GB**
(86) International Application Data:
PCT/GB2010/000330 En 24.02.2010
(87) International Publication Data:
WO2010/097580 En 02.09.2010

(51) INT CL:
H02H 3/12 (2006.01) **H02J 9/00** (2006.01)
(56) Documents Cited by ISA:
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(58) Field of Search by ISA:
INT CL **H02H, H02J**
Other: **EPO-Internal, WPI Data**

(71) Applicant(s):
PowerTrip Innovations Limited
Flat 1, 24 Bartholomew Square, LONDON,
EC1V 3QT, United Kingdom

(72) Inventor(s):
Alexander England
Chengge Fan

(74) Agent and/or Address for Service:
Reddie & Grose
16 Theobalds Road, LONDON, WC1X 8PL,
United Kingdom

(54) Title of the Invention: **Electrical power management device**
Abstract Title: **Electrical power management device**

(57) The present invention provides a device for managing power consumption of an electrical appliance connectable to an external power supply, comprising: an input connectable to the power supply; an output electrical connection to the electrical appliance; a switchable electrical connection between the input and the output to per nut or prevent the supply of electrical power from the external power supply to the electrical appliance through the device; a sensor for providing an output signal indicative of the current supplied to the electrical appliance through the switchable electrical connection or indicative of an environmental condition; and a microcontroller connected to the sensor and to the switchable electrical connection that, in response to a predetermined output signal from the sensor, prevents the supply of electrical power to the electrical appliance and to the microcontroller. A device in accordance with the present invention is operable to reduce power consumption of electrical appliances and can enter a mode in which it consumes no power itself, leading to zero total power consumption.

