

Title (en)  
ENVIRONMENTAL MONITOR AND POWER MANAGEMENT SYSTEM

Title (de)  
UMGEBUNGSÜBERWACHUNGSVORRICHTUNG UND POWER-MANAGEMENT-SYSTEM

Title (fr)  
MONITEUR ENVIRONNEMENTAL ET SYSTÈME DE GESTION D'ÉNERGIE

Publication  
**EP 2038982 A2 20090325 (EN)**

Application  
**EP 07789763 A 20070620**

Priority

- IB 2007052391 W 20070620
- NZ 54802506 A 20060620
- NZ 54802606 A 20060620
- NZ 54802406 A 20060620
- NZ 54802306 A 20060620

Abstract (en)  
[origin: WO2007148299A2] A device includes a power management system. The power management system has a circuit including a connection for a power source, a connection for a load, a connection for a first electrical storage battery and a connection for a second electrical storage battery. The circuit includes switches for selectively connecting each of the storage battery connections to the power source connection in a circuit wherein current may only flow to the battery connection. The circuit includes switches for selectively connecting each of the storage battery connections to the load connection in a circuit in which current may only flow from said battery connection. A controller is programmed to select a battery to be on load and a battery to be on charge. The controller provides output signals to the switches to connect the connections for the battery on load to the load connection and not to the power source connection, and to connect the battery on charge to the power source connections and not to the load connection. Other inventions are also disclosed.

IPC 8 full level  
**H02J 7/34** (2006.01)

CPC (source: EP US)  
**H02J 7/35** (2013.01 - EP US); **H02J 13/00002** (2020.01 - EP US); **H02J 3/381** (2013.01 - EP US); **H02J 2300/24** (2020.01 - EP US); **Y02E 10/56** (2013.01 - EP); **Y02E 40/70** (2013.01 - EP US); **Y02E 60/00** (2013.01 - EP); **Y04S 10/123** (2013.01 - EP); **Y04S 10/30** (2013.01 - EP)

Citation (search report)  
See references of WO 2007148299A2

Cited by  
US2012089257A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK RS

DOCDB simple family (publication)  
**WO 2007148299 A2 20071227; WO 2007148299 A3 20080424**; AU 2007262351 A1 20071227; EP 2038982 A2 20090325

DOCDB simple family (application)  
**IB 2007052391 W 20070620**; AU 2007262351 A 20070620; EP 07789763 A 20070620