

Title (en)

ELECTRIC SWITCH ARRANGEMENT AND METHOD FOR COUPLING ELECTRIC POWER SOURCE WITH LOAD

Title (de)

ELEKTRISCHE SCHALTERANORDNUNG UND VERFAHREN ZUM KUPPELN EINER ELEKTRISCHEN STROMQUELLE MIT LAST

Title (fr)

AGENCEMENT INTERRUPTEUR ÉLECTRIQUE ET MÉTHODE D'ACCOUPLEMENT D'UNE SOURCE D'ÉNERGIE ÉLECTRIQUE AVEC UNE CHARGE

Publication

**EP 2939343 A4 20160810 (EN)**

Application

**EP 12891068 A 20121228**

Priority

**FI 2012051307 W 20121228**

Abstract (en)

[origin: WO2014102444A1] An electric switch arrangement(4)and a method for coupling of an electric power source (2) with a load (3). The electric switch arrangement comprises at least one electric switch unit (5) to be coupled between the electric power source and the load,at least one crowbar circuit (6) to be coupled to an output of the electric switch unit in parallel with the load, and at least one control unit (7) configured to control the operation of the electric switch unit and the crowbar circuit. The control unit is configured to control the electric switch unit to a closed state to allow a current flow through the electric switch unit and to an open state to prevent a current flow through the electric switch unit. The control unit is configured to control the crowbar circuit to a closed state to allowa current flow through the crowbar circuit and to an open state to prevent a current flow through the crowbar circuit.

IPC 8 full level

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CPC (source: EP)

**H02H 3/08** (2013.01); **H03K 17/082** (2013.01); **H02H 3/025** (2013.01)

Citation (search report)

- [Y] JP H0385610 A 19910410 - MITSUBISHI ELECTRIC CORP
- [Y] JP 2003088093 A 20030320 - TOSHIBA CORP
- See references of WO 2014102444A1

Designated contracting state (EPC)

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