

Title (en)

APPARATUS FOR CONTROLLING THE VOLTAGE IN AN ALTERNATING CURRENT ELECTRICITY SUPPLY

Title (de)

VORRICHTUNG ZUR STEUERUNG DER SPANNUNG BEI EINER WECHSELSTROMVERSORGUNG

Title (fr)

APPAREIL DE COMMANDE DE LA TENSION DANS UNE ALIMENTATION ÉLECTRIQUE EN COURANT ALTERNATIF

Publication

**EP 2786478 A2 20141008 (EN)**

Application

**EP 12808867 A 20121130**

Priority

- GB 201120589 A 20111130
- GB 2012052967 W 20121130

Abstract (en)

[origin: WO2013079962A2] A voltage optimisation apparatus for controlling output voltage of an alternating current electricity supply is disclosed. The apparatus includes input and output terminals and a transformer reducing or increasing the voltage to an optimum voltage. A processor controls switches that turn the transformer on and off when the wave form of the voltage is within a predetermined range relative to zero.

IPC 8 full level

**H02M 5/12** (2006.01); **H02P 13/06** (2006.01)

CPC (source: EP GB)

**H02M 5/12** (2013.01 - EP GB); **H02P 13/06** (2013.01 - EP GB)

Citation (search report)

See references of WO 2013079962A2

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 2013079962 A2 20130606; WO 2013079962 A3 20140619**; EP 2786478 A2 20141008; GB 201120589 D0 20120111; GB 201409854 D0 20140716; GB 2511455 A 20140903

DOCDB simple family (application)

**GB 2012052967 W 20121130**; EP 12808867 A 20121130; GB 201120589 A 20111130; GB 201409854 A 20121130