

Title (en)

METHOD OF CONTROLLING A THREE-PHASE INVERTER IMPLEMENTING A VECTOR MODULATION

Title (de)

VERFAHREN ZUR STEUERUNG EINES DREIPHASIGEN WECHSELRICHTERS ZUR IMPLEMENTIERUNG EINER VEKTORMODULATION

Title (fr)

PROCÉDÉ DE COMMANDE D'UN ONDULEUR TRIPHASÉ METTANT EN OEUVRE UNE MODULATION VECTORIELLE

Publication

EP 3205013 A1 20170816 (FR)

Application

EP 15788155 A 20151008

Priority

- FR 1459674 A 20141009
- FR 2015052708 W 20151008

Abstract (en)

[origin: WO2016055742A1] The present invention relates to a method of controlling a system comprising at least one inverter with six switches, which is linked to a battery, and supervised by a processor. Said method implementing a vector modulation, characterized in that it is able to prevent the current linking the battery from passing through zero amperes by means of appropriate control logic. The present invention also relates to a device for controlling an electronic component.

IPC 8 full level

H02P 27/12 (2006.01)

CPC (source: EP US)

H02M 1/082 (2013.01 - US); **H02M 7/44** (2013.01 - US); **H02P 27/12** (2013.01 - EP US)

Citation (search report)

See references of WO 2016055742A1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2016055742 A1 20160414; AU 2015329840 A1 20170427; CA 2963848 A1 20160414; CN 107925379 A 20180417; EP 3205013 A1 20170816; FR 3027171 A1 20160415; FR 3027171 B1 20161223; JP 2017532000 A 20171026; RU 2017115839 A 20181113; RU 2017115839 A3 20190429; US 10075122 B2 20180911; US 2017317636 A1 20171102

DOCDB simple family (application)

FR 2015052708 W 20151008; AU 2015329840 A 20151008; CA 2963848 A 20151008; CN 201580067323 A 20151008; EP 15788155 A 20151008; FR 1459674 A 20141009; JP 2017538464 A 20151008; RU 2017115839 A 20151008; US 201515517808 A 20151008