

Title (en)

METHOD FOR SUPPLYING AN EXCITATION CURRENT TO AN EXCITATION WINDING OF A ROTOR, METHOD FOR OPERATING A SYSTEM FOR PRODUCING A THREE-PHASE ALTERNATING VOLTAGE, AND CORRESPONDING SYSTEM

Title (de)

VERFAHREN ZUM VERSORGEN EINER ERREGERWICKLUNG EINES ROTORS MIT EINEM ERREGERSTROM, VERFAHREN ZUM BETREIBEN EINER ANLAGE ZUM ERZEUGEN EINER DREIPHASENWECHSELSPANNUNG SOWIE EINE ENTSPRECHENDE ANLAGE

Title (fr)

PROCÉDÉ D'ALIMENTATION D'UN ENROULEMENT D'EXCITATION D'UN ROTOR EN COURANT D'EXCITATION, PROCÉDÉ DE FONCTIONNEMENT D'UNE INSTALLATION DE GÉNÉRATION D'UNE TENSION TRIPHASÉE, AINSI QU'UNE INSTALLATION CORRESPONDANTE

Publication

EP 3443661 A1 20190220 (DE)

Application

EP 17720412 A 20170421

Priority

- EP 16170952 A 20160524
- EP 2017059513 W 20170421

Abstract (en)

[origin: WO2017202552A1] The invention relates to a method for supplying an excitation current to an excitation winding of a rotor of a three-phase generator of a system for producing a three-phase alternating voltage to be fed into a power network. A pulsed excitation current is supplied to the excitation winding if a rotational frequency of the rotor deviates from a network frequency of the power network.

IPC 8 full level

H02P 9/42 (2006.01)

CPC (source: EP US)

H02P 9/42 (2013.01 - EP US)

Citation (search report)

See references of WO 2017202552A1

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)

EP 3249802 A1 20171129; CN 109196772 A 20190111; EP 3443661 A1 20190220; JP 2019517240 A 20190620; US 2019305705 A1 20191003; WO 2017202552 A1 20171130

DOCDB simple family (application)

EP 16170952 A 20160524; CN 201780032336 A 20170421; EP 17720412 A 20170421; EP 2017059513 W 20170421; JP 2018561615 A 20170421; US 201716302753 A 20170421