

Title (en)
SYSTEM AND METHOD FOR GENERATING AN ALTERNATING CURRENT OUTPUT SIGNAL

Title (de)
SYSTEM UND VERFAHREN ZUM ERZEUGEN EINES WECHSELSTROM-AUSGANGSSIGNALS

Title (fr)
SYSTÈME ET PROCÉDÉ DE GÉNÉRATION D'UN SIGNAL DE SORTIE DE COURANT ALTERNATIF

Publication
EP 2137813 A2 20091230 (EN)

Application
EP 08720049 A 20080327

Priority
• IL 2008000426 W 20080327
• US 90724807 P 20070327

Abstract (en)
[origin: WO2008117290A2] A system and device for providing AC signal. The system includes: an AC generator that outputs an AC output signal and includes an AC rotor that communicates with a shaft that is rotated at a rotation speed; a speed sensor for sensing the rotation speed; and a controller for controlling a magnetic field of the AC generator in response to the rotation speed; wherein the controller comprises a direct current (DC) generator that generates a current that is provided to the AC generator so as to control the magnetic field of the AC generator.

IPC 8 full level
H02P 9/30 (2006.01); **H02K 19/08** (2006.01); **H02P 9/48** (2006.01)

CPC (source: EP KR)
H02P 9/30 (2013.01 - EP KR); **H02P 9/302** (2013.01 - EP); **H02P 9/48** (2013.01 - EP); **H02P 2101/15** (2015.01 - EP); **Y02E 10/72** (2013.01 - EP)

Citation (search report)
See references of WO 2008117290A2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2008117290 A2 20081002; WO 2008117290 A3 20091119; AU 2008231405 A1 20081002; BR PI0808604 A2 20170530;
CA 2682487 A1 20081002; CN 101675583 A 20100317; EP 2137813 A2 20091230; JP 2010523075 A 20100708; KR 20090127428 A 20091211;
MX 2009010328 A 20100317; SG 182233 A1 20120730

DOCDB simple family (application)
IL 2008000426 W 20080327; AU 2008231405 A 20080327; BR PI0808604 A 20080327; CA 2682487 A 20080327;
CN 200880014585 A 20080327; EP 08720049 A 20080327; JP 2010500434 A 20080327; KR 20097022278 A 20080327;
MX 2009010328 A 20080327; SG 2012047106 A 20080327