

Title (en)  
SYSTEM FOR PRODUCING POWER, PARTICULARLY ELECTRICAL POWER, WITH A GAS TURBINE AND A ROTARY REGENERATIVE HEAT EXCHANGER.

Title (de)  
SYSTEM ZUR ERZEUGUNG VON INSBESONDERE ELEKTRISCHER ENERGIE MIT EINER GASTURBINE UND EINEM DREHBAREN REGENERATIVEN WÄRMETAUSCHER

Title (fr)  
SYSTEME DE PRODUCTION D'ENERGIE, NOTAMMENT ELECTRIQUE, AVEC UNE TURBINE A GAZ ET UN ECHANGEUR DE CHALEUR REGENERATIF ROTATIF

Publication  
**EP 2158391 A1 20100303 (FR)**

Application  
**EP 08805575 A 20080514**

Priority  
• FR 2008000677 W 20080514  
• FR 0703552 A 20070515

Abstract (en)  
[origin: WO2009004133A1] System for producing power, particularly electrical power, comprising a gas turbine (10) with at least one compressor (12; 12a, 12b) that has at least one compression stage, at least one expansion turbine (16), a heat exchanger (14) between said compressor and said expansion turbine, at a source of hot gases (48, 72). The exchanger is a rotary regenerative exchanger (14) through which the hot gases and compressed gases from said compressor pass.

IPC 8 full level  
**F01K 27/00** (2006.01); **F02C 1/04** (2006.01); **F02C 7/105** (2006.01)

CPC (source: EP US)  
**F01K 27/00** (2013.01 - EP US); **F02C 1/04** (2013.01 - EP US); **F02C 7/105** (2013.01 - EP US); **Y02E 20/14** (2013.01 - EP US)

Citation (search report)  
See references of WO 2009004133A1

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

Designated extension state (EPC)  
AL BA MK RS

DOCDB simple family (publication)  
**FR 2916240 A1 20081121**; **FR 2916240 B1 20130322**; EP 2158391 A1 20100303; JP 2010526967 A 20100805; JP 5357866 B2 20131204; US 2011036097 A1 20110217; WO 2009004133 A1 20090108

DOCDB simple family (application)  
**FR 0703552 A 20070515**; EP 08805575 A 20080514; FR 2008000677 W 20080514; JP 2010507951 A 20080514; US 59997508 A 20080514