

Title (en)  
A HYBRID ELECTRICAL POWER SYSTEM EMPLOYING FLUID REGULATING ELEMENTS FOR CONTROLLING VARIOUS OPERATIONAL PARAMETERS OF THE SYSTEM

Title (de)  
HYBRIDES ELEKTRISCHES KRAFTERZEUGUNGSSYSTEM MIT VERWENDUNG VON FLUIDSTRÖMUNGSREGELELEMENTEN ZUR STEUERUNG VERSCHIEDENER BETRIEBSPARAMETERN DES SYSTEMES

Title (fr)  
SYSTEME D'ALIMENTATION HYBRIDE COMPRENANT DES ELEMENTS DE REGULATION DE FLUIDE PERMETTANT DE REGLER DIVERS PARAMETRES DE FONCTIONNEMENT DU SYSTEME

Publication  
**EP 1346425 A2 20030924 (EN)**

Application  
**EP 00976717 A 20001030**

Priority  
US 0029895 W 20001030

Abstract (en)  
[origin: WO0237587A2] A hybrid power system having means for controlling an operational parameter thereof, while concomitantly operating the system efficiently. The system includes an electrochemical converter system, including a fuel cell and a thermal control stack, that is combined with a cogeneration or bottoming device, such as a gas turbine assembly. The hybrid power system employs one or more fluid regulating devices for regulating or controlling one or more fluid flows in the system. The fluid regulating device thus enables the system to control the power output or temperature of the fuel cell and/or the gas turbine assembly, as well as the speed of the turbine.

IPC 1-7  
**H01M 8/04**

IPC 8 full level  
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CPC (source: EP KR)  
**F02C 1/05** (2013.01 - EP); **H01M 8/04** (2013.01 - KR); **H01M 8/04014** (2013.01 - EP); **H01M 8/04089** (2013.01 - EP); **F05D 2220/31** (2013.01 - EP); **F05D 2220/32** (2013.01 - EP); **F05D 2270/02** (2013.01 - EP); **F05D 2270/053** (2013.01 - EP); **H01M 8/247** (2013.01 - EP); **Y02E 20/14** (2013.01 - EP); **Y02E 60/50** (2013.01 - EP)

Citation (search report)  
See references of WO 0237587A2

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