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Bähr et al.

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(54) **GAS AND STEAM TURBINE SYSTEM**

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(75) Inventors: **Siegfried Bähr**, Eggolsheim (DE);
Sergej Reissig, Erlangen (DE)

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(73) Assignee: **Siemens Aktiengesellschaft**, Munich (DE)

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Primary Examiner—Louis J. Casaregola
(74) *Attorney, Agent, or Firm*—Laurence A. Greenberg;
Werner H. Stemer; Ralph E. Locher

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(57) **ABSTRACT**

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As the development of gas and steam turbine systems has progressed, the steam turbine section, in particular, has become highly sophisticated and complex by being configured as a three-pressure system. In order to make a gas and steam turbine system of economic interest for medium and low power levels as well, and with high efficiencies, the steam turbine section is configured as a two-pressure system, and the combustion air for the system is compressed in at least two stages. In the process, the combustion air is cooled after at least one compression stage, and is heated at least after the last stage of the two stages.

(52) **U.S. Cl.** **60/39.182; 60/39.511; 60/728**

(58) **Field of Search** **60/39.182, 39.511, 60/728**

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9 Claims, 1 Drawing Sheet

