

Title (en)
SUPERCHARGING SYSTEM FOR GAS TURBINES

Title (de)
AUFLADESYSTEM FÜR GASTURBINEN

Title (fr)
SYSTEME DE SURALIMENTATION POUR TURBINES A GAZ

Publication
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Application
EP 00968293 A 20000609

Priority

- US 0015821 W 20000609
- US 13884899 P 19990610
- US 13989499 P 19990622
- US 38892799 A 19990902
- US 15227799 P 19990903
- US 15920799 P 19991013
- US 47515499 A 19991230
- US 19530200 P 20000410

Abstract (en)
[origin: CA2376788A1] A supercharging system for gas turbine power plants (11). The system includes a supercharging fan (30, 32) and a controller (50) for limiting turbine power output to prevent overload of the generator (28) at lower ambient temperatures. The controller can limit power output by burner control, inlet temperature control, control of supercharging fan pressure and other options. The system can be retrofit on an existing turbine without replacing the generator and associated parts.

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F02C 1/00; **F02C 9/00**; **E03B 7/10**

IPC 8 full level
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Cited by
US9581089B2; US8584464B2

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AU 775318 B2 20040729; AU 7823200 A 20010131; BR 0011468 A 20020319; BR 0011468 B1 20100824; CA 2376788 A1 20010104; CN 1304740 C 20070314; CN 1355869 A 20020626; EA 005393 B1 20050224; EA 200200007 A1 20020627; EP 1206634 A1 20020522; EP 1206634 A4 20051012; JP 2003529701 A 20031007; KR 100874508 B1 20081218; KR 20020038921 A 20020524; MX PA01012754 A 20030904

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