



New connection on: : 14-09-2018 : 00:42:23 - Last disconnection on: : 13-09-2018 : 00:46:28

V 4.0.0.44358(LP,U,linux) (Rev:43856 2017-04-27 09:03:29 +0200#(D201802)) (RPM D201802)

Welcome to EPOQUE Rebuild under the Production Environment

[No database/cluster active] ..bi

Unknown command or preparation. [More info](#) ERROR(-104000)

[No database/cluster active] ..fi

Select a database: ..FI EPODOC

☐ Database: EPODOC

[EPODOC: SS 1] Nozzle and (Chimney or Smokestack) and Pipe and Heat and Exchanger and Venturi

Results in EPODOC 1

[SS 2] ..li



1/1 © EPODOC / EPO

PN - [FR2370859](#) A1 19780609

PNFP - FR2370859 B1 19810724

PR - FR19760034084 19761112

AP - FR19760034084 19761112

DT - *; Rep

CCI - [F01P3/20](#) ; [F28C1/14](#) ; [F28D7/106](#)

PA - (A1 B1)
TERRIER ANDRE [FR]

TI - (A1)
Closed circuit cooling system for electric generator - has water injected into cooling air to increase **heat** transfer

AB - (A1)
The equipment to be cooled e.g. an electric generator is supplied with a cooling medium by the pump from the **heat exchanger**. The cooling medium leaving the equipment passes through the finned pipes before returning to the **heat exchanger** to complete the closed circuit. The **heat exchanger** is immersed in a tank in water supplied from a **pipe** controlled by a valve. Some water is drawn off by the pump and supplied to the spray **nozzle** fitted in the **venturi** forming part of the air inlet duct. The moist air is deflected by vanes upwards and passes over the finned pipes and

out through the **chimney**.

[SS 2] IC/ F02C

Results in EPODOC 0

EPODOC: term 'IC/ F02C' not found in index 'BI'. WARNING(1)

[SS 3] /IC F02C

Results in EPODOC 142.785

[SS 4] 3 and Nozzle and (Chimney or Smokestack) and Pipe and Heat and Exchanger

Results in EPODOC 0

[SS 5] 3 and Nozzle and (Chimney or Smokestack) and Pipe and Exchanger

Results in EPODOC 0

[SS 6] 3 and Nozzle and (Chimney or Smokestack) and Pipe

Results in EPODOC 2

[SS 7] ..li



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PN - [JPH02115532](#) A 19900427

PR - JP19880270081 19881026

AP - JP19880270081 19881026

DT - I

FI - F01N3/10&Z; F01N3/36&A; F02C6/18&Z

FT - 3G091/AA06; 3G091/AA09; 3G091/AB12; 3G091/BA00; 3G091/BA14; 3G091/CA07;
3G091/CA15; 3G091/CA22; 3G091/FB12

PA - HITACHI LTD

TI - GAS TURBINE SYSTEM AND COMBUSTION DRIVING METHOD THEREOF

AB - PURPOSE:To reduce NOx components in the gas to be exhausted from a gas turbine by providing a furnace and a **chimney** in the exhaust system of the gas turbine, and providing a burner for forming a low air ratio flame in the furnace. CONSTITUTION:A furnace 20 and a **chimney** 22 are provided in the exhaust system of a gas turbine 12. A burner 28 for leading the exhaust gas from the gas turbine 12 into the furnace 20 and a **nozzle** 30 for supplying the oxygen into the furnace 20 are provided at the end of a **pipe** 24. The fuel or the premix gas of the fuel and the air is supplied to the burner 28 through a **pipe** 32. The burner 28 forms the low air ratio flame so that the air-fuel mixture of the exhaust gas from the gas turbine and the fuel is burned incompletely in the furnace 20. NOx components in the exhaust gas to be exhausted from the gas turbine can be thus reduced.

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PN - [JPS5591722](#) A 19800711

PNFP	- JPS6146653B B2 19861015
PR	- JP19780162310 19781229
AP	- JP19780162310 19781229
DT	- I
CT	- (A) JPS511608U U []; JPS52122710 A []
FI	- F02B39/16; F02B39/16&A; F02C7/30
FT	- 3G005/BQ01; 3G005/XX94
PA	- (A) OO EMU TEII KK
TI	- (A) WASHING METHOD AND DEVICE FOR SUPERCHARGER TURBINE
AB	- (A) PURPOSE:To wash a supercharger turbine effectively without decelerating an engine and within a short time as well by using an inflammable solid particle instead of clear water for cleaning agnet of the supercharger turbine. CONSTITUTION:To wash a supercharger turbine during its operation, a stop valve 32 for pressurized fluid and a stop valve 31 for solid particle feeding are closed first to demount a cap 22, and a vessel 21 for a turbine washing device 20 is filled with an inflammable solid particle 25. Next, the valves 32, 31 are opened in that order to feed the solid particle 25 by a pressure of pressurized fluid injected into the vessel 21 from a pressurized fluid source 26 into an exhaust manifold collecting pipe 14 through a pipe 24. The particle 25 thus scatters peripherally together with the exhaust gas into an injection nozzle blade 15 of a supercharger 10 and further clides with a turbine blade 16 to washing. After that, the particle 25 is burned almost completely and comes to a smokestack passage by way of an exhaust piping.