

Title (en)

GAS AND STEAM TURBINE INSTALLATION AND METHOD FOR OPERATING AN INSTALLATION OF THIS TYPE

Title (de)

GAS- UND DAMPFTURBINENANLAGE UND VERFAHREN ZUM BETREIBEN EINER DERARTIGEN ANLAGE

Title (fr)

SYSTEME DE TURBINE A GAZ ET A VAPEUR ET PROCEDE PERMETTANT DE FAIRE FONCTIONNER UN SYSTEME DE CE TYPE

Publication

EP 1023526 B1 20030212 (DE)

Application

EP 98958189 A 19981005

Priority

- DE 9802941 W 19981005
- DE 19745272 A 19971015

Abstract (en)

[origin: DE19745272A1] A gas- and steam-turbine installation (1,1') including a waste heat steam generator (30) connected down-stream of the gas-turbine (6) on the flue-gas-side, and having its heating surfaces connected into the water-steam circulation (24) of a steam turbine (20), in which a condenser (80) connected down-stream of the steam turbine (20) on the steam side, is cooled via the intake air (A) to be fed to the gas turbine (2). An intake air-line (5) is connected on the incoming side to a compressor assigned to the gas turbine (2), into which the condenser (80) is connected directly on the coolant side. More specifically on the coolant side, the condenser (80) is connected via an intermediate cooling circuit (54) to a heat exchanger (90).

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IPC 8 full level

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CPC (source: EP KR US)

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