

Title (en)

System and process providing rapid power reserve in combined gas- and steam turbines plants

Title (de)

Vorrichtung sowie Verfahren zur schnellen Bereitstellung von Leistungsreserven bei kombinierten Gas- und Dampfturbinenanlagen

Title (fr)

Installation et procédé pour fournir rapidement une réserve de puissance dans des centrales combinées avec turbines à gaz et à vapeur

Publication

EP 0976914 B1 20030226 (DE)

Application

EP 98810728 A 19980729

Priority

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Abstract (en)

[origin: EP0976914A1] A steam generator (20) is connected via at least one inlet valve (12) to a steam turbine (6). A heat accumulator (7) is coupled to supply saturation water to the steam generator via a pump. The heat accumulator may be a balanced pressure heat store. A method of operating a combined gas and steam turbine system, and the use of the apparatus for controlling the frequency of generated electric current are also claimed.

IPC 1-7

F01K 23/10; F01K 3/00

IPC 8 full level

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CPC (source: EP)

F01K 23/106 (2013.01)

Cited by

DE102012213976A1; EP1275822A3; CN113736954A; DE102016212634A1; EP2256406A3; DE102017207006A1; DE102014202277A1; EP2592241A1; EP2907980A1; EP1854963A3; EP2411672A4; EP1361341A1; FR2839549A1; EP1174591A1; AU2001287583B2; CN1304735C; US6912855B2; US10047637B2; US9982569B2; WO2006097495A3; WO0208576A1; WO2013072183A3; EP3025031B1

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