

Title (en)

Method of operating a steam power plant, in particular of a steam power plant of a power station for the production of at least electricity and corresponding steam power plant

Title (de)

Verfahren zum Betrieb einer Dampfkraftanlage, insbesondere einer Dampfkraftanlage eines Kraftwerks zur Erzeugung von zumindest elektrischer Energie, und entsprechende Dampfkraftanlage

Title (fr)

Procédé de fonctionnement d'une centrale à vapeur, notamment d'une centrale à vapeur pour la production de l'électricité au moins et la centrale à vapeur correspondante

Publication

**EP 1662096 A1 20060531 (DE)**

Application

**EP 04028295 A 20041130**

Priority

EP 04028295 A 20041130

Abstract (en)

The method involves providing water circuit, where a steam turbine (4), pressure stage (8, 9, 10) and a condenser (6) is provided in a steam power plant (2). Water that is drained from the pressure stage of the steam power plant is collected, stored in a storage tank and recirculated into the water circuit of the steam power plant. Steam is applied to the condenser in the water circuit. An independent claim is also included for a steam power plant with water circulation.

IPC 8 full level

**F01K 13/00** (2006.01); **F01K 23/10** (2006.01)

CPC (source: EP KR US)

**F01K 13/00** (2013.01 - KR); **F01K 21/06** (2013.01 - EP US); **F01K 23/10** (2013.01 - KR); **F01K 23/106** (2013.01 - EP US)

Citation (search report)

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- [A] "THE PERFECT MATCH: COMBINED CYCLES AND DISTRICT HEATING/COOLING", POWER, HILL PUB. CO., NEW YORK, NY, US, vol. 135, no. 4, 1 April 1991 (1991-04-01), pages 117 - 118,120, XP000209855, ISSN: 0032-5929

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DOCDB simple family (publication)

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DOCDB simple family (application)

**EP 04028295 A 20041130**; CN 200580040195 A 20051116; EP 05803061 A 20051116; EP 2005056008 W 20051116; JP 2007541951 A 20051116; KR 20077015077 A 20051116; US 79179805 A 20051116