

Title (en)

PROCESS AND PLANT FOR OPERATING A BLOCK-TYPE THERMAL POWER STATION

Title (de)

VERFAHREN ZUM BETRIEB EINES BLOCKHEIZKRAFTWERKES SOWIE ANLAGE ZUR DURCHFÜHRUNG DES VERFAHRENS

Title (fr)

PROCEDE ET INSTALLATION PERMETTANT DE FAIRE FONCTIONNER UNE CENTRALE THERMIQUE EN MONTAGE-BLOC AVEC CHAUFFAGE A DISTANCE

Publication

**EP 0891472 A1 19990120 (DE)**

Application

**EP 97920568 A 19970401**

Priority

- DE 9700659 W 19970401
- DE 19613524 A 19960403

Abstract (en)

[origin: WO9738210A1] Block-type thermal power stations generate demand-dependent useful energy, in particular current as electric energy and/or heat or cold as thermal energy. A prospective calculation of the current and heat demand for at least the next 24h is calculated based on different presently available criteria, and the consumption integrals that may be derived therefrom are determined and evaluated. The operation of the plant, preferably in the high tariff phase, is derived therefrom with optimum evaluation of the incoming and outgoing energies. The corresponding plant contains a processor unit in an automating machine, which may in particular be a processor unit already available in the plant for which an appropriate software is created. An energy optimisation program for block-type thermal power stations is thus set up with the available data.

IPC 1-7

**F01K 17/02**; **F02G 5/00**; **H02J 3/46**

IPC 8 full level

**F01K 17/02** (2006.01); **F02G 5/00** (2006.01); **G05B 13/02** (2006.01); **H02J 3/46** (2006.01)

CPC (source: EP KR)

**F01K 17/02** (2013.01 - EP KR); **F02G 5/00** (2013.01 - EP); **G05B 13/0275** (2013.01 - EP); **H02J 3/472** (2020.01 - EP); **Y02E 20/14** (2013.01 - EP); **Y02T 10/12** (2013.01 - EP)

Citation (search report)

See references of WO 9738210A1

Designated contracting state (EPC)

AT BE CH DE DK ES FI GB GR IT LI NL

DOCDB simple family (publication)

**WO 9738210 A1 19971016**; CA 2250905 A1 19971016; CN 1218536 A 19990602; EP 0891472 A1 19990120; HR P970183 A2 19980430; KR 20000005170 A 20000125

DOCDB simple family (application)

**DE 9700659 W 19970401**; CA 2250905 A 19970401; CN 97194590 A 19970401; EP 97920568 A 19970401; HR P970183 A 19970402; KR 19980707839 A 19981001