

Title (en)

Process and system for improving efficiency of steam generators

Title (de)

Verfahren und Vorrichtung zur Wirkungsgradverbesserung in Dampfkraftwerken

Title (fr)

Procédé et dispositif pour l'amélioration du rendement dans les générateurs de vapeur

Publication

**EP 0816641 A3 20000524 (DE)**

Application

**EP 97110651 A 19970630**

Priority

DE 19626372 A 19960702

Abstract (en)

[origin: EP0816641A2] The part condensers on the cooling water side are connected in series in a main cooler. All the cooling water conduits leaving the part condensers (3a,3b) have further cooling water conducting conduits connected to them before entering following part condensers. The connected conduits conducting cooling water are all or partly branched onto the main cooling water conduit (2) leaving the cooling water pump before entry into the main condenser unit (3). A heat transmission system (4) comprises an ancillary cooling water system.

IPC 1-7

**F01K 9/00**

IPC 8 full level

**F01K 9/00** (2006.01)

CPC (source: EP)

**F01K 9/003** (2013.01)

Citation (search report)

- [X] DE 4424870 A1 19960118 - SAARBERGWERKE AG [DE]
- [A] DE 19507167 C1 19960502 - SIEMENS AG [DE]

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**DE 19626372 C1 19971127**; EP 0816641 A2 19980107; EP 0816641 A3 20000524

DOCDB simple family (application)

**DE 19626372 A 19960702**; EP 97110651 A 19970630