

Title (en)
Power plant

Title (de)
Kraftwerksanlage

Title (fr)
Centrale électrique

Publication
EP 1801363 A1 20070627 (DE)

Application
EP 05027973 A 20051220

Priority
EP 05027973 A 20051220

Abstract (en)
The plant has a condenser condensing a process medium, and a cooling unit provided for cooling the condensed process medium and component coolers. The component coolers are arranged such that the cooling unit cools the process medium to a predetermined temperature before entering into the component coolers. The component coolers successively heat the process medium, and are integrated into a condensate region (206) of a steam circuit (202). The temperature rise of the process medium is larger than a pre-induced temperature change.

IPC 8 full level
F01K 9/00 (2006.01); **F03C 99/00** (2010.01); **F28B 1/02** (2006.01)

CPC (source: EP US)
F01K 9/00 (2013.01 - EP US); **F28B 1/02** (2013.01 - EP US); **F28B 9/06** (2013.01 - EP US); **F28B 9/08** (2013.01 - EP US)

Citation (search report)

- [A] US 5060600 A 19911029 - BROWN DAVID S [US], et al
- [A] US 4989405 A 19910205 - DUFFY THOMAS E [US], et al
- [A] US 4476684 A 19841016 - PHILLIPS JOHN R [US]

Cited by
CN104246418A; CN102140963A; WO2013160293A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1801363 A1 20070627; CN 101379272 A 20090304; CN 101379272 B 20101117; EG 25179 A 20111011; EP 1963624 A2 20080903; IL 192271 A0 20090803; IL 192271 A 20120131; US 2009178403 A1 20090716; WO 2007071616 A2 20070628; WO 2007071616 A3 20080313

DOCDB simple family (application)
EP 05027973 A 20051220; CN 200680053121 A 20061215; EG 2008060981 A 20080612; EP 06830643 A 20061215; EP 2006069748 W 20061215; IL 19227108 A 20080618; US 8678206 A 20061215