

Title (en)

METHOD FOR OPERATING A COMBINED CYCLE POWER PLANT

Title (de)

VERFAHREN ZUM BETREIBEN EINER GUD-ANLAGE

Title (fr)

PROCÉDÉ DE FONCTIONNEMENT D'UNE INSTALLATION GAZ ET VAPEUR

Publication

EP 2992187 A2 20160309 (DE)

Application

EP 14734828 A 20140703

Priority

- EP 13177932 A 20130725
- EP 2014064182 W 20140703
- EP 14734828 A 20140703

Abstract (en)

[origin: WO2015010870A2] The invention relates to a method for operating a combined cycle power plant, according to which shortly before the planned start-up of a parked load the steam turbine (25) is lowered to a very low output, the gas turbine (2) is then operated in parked load, and next the steam turbine (25) is powered up to a parked output. The GT operating power can be the rated power of the gas turbine. The ST operating power can be the rated power of the steam turbine.

IPC 8 full level

F01K 7/24 (2006.01); **F01K 23/10** (2006.01); **F22B 1/18** (2006.01)

CPC (source: EP US)

F01K 7/24 (2013.01 - EP US); **F01K 13/02** (2013.01 - EP US); **F01K 23/101** (2013.01 - EP US); **F22B 1/1815** (2013.01 - EP US);
Y02E 20/16 (2013.01 - EP US)

Citation (search report)

See references of WO 2015010870A2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2829691 A1 20150128; EP 2992187 A2 20160309; JP 2016528430 A 20160915; KR 20160023811 A 20160303; RU 2016106172 A 20170830;
US 2016146060 A1 20160526; WO 2015010870 A2 20150129; WO 2015010870 A3 20150326

DOCDB simple family (application)

EP 13177932 A 20130725; EP 14734828 A 20140703; EP 2014064182 W 20140703; JP 2016528391 A 20140703;
KR 20167001657 A 20140703; RU 2016106172 A 20140703; US 201414905412 A 20140703