

Title (en)

POWER PLANT AND METHOD FOR OPERATING A POWER PLANT FACILITY

Title (de)

KRAFTWERK UND VERFAHREN ZUM BETREIBEN EINER KRAFTWERKSANLAGE

Title (fr)

CENTRALE ÉLECTRIQUE ET PROCÉDÉ PERMETTANT DE FAIRE FONCTIONNER UNE CENTRALE ÉLECTRIQUE

Publication

EP 2805031 A1 20141126 (DE)

Application

EP 13714254 A 20130327

Priority

- EP 12163194 A 20120404
- EP 2013056496 W 20130327
- EP 13714254 A 20130327

Abstract (en)

[origin: EP2647802A1] The method involves operating a power plant in a partial load operation, where a steam turbine of the power plant is divided into a high pressure partial turbine, a medium pressure partial turbine and a low pressure partial turbine. Temperature at an inlet to a reheater unit is increased through a throttling valve that is positioned before the medium pressure partial turbine such that expansion is reduced in the high pressure partial turbine, where the reheater unit is arranged between the high- and medium pressure partial turbines. An independent claim is also included for a power plant.

IPC 8 full level

F01K 3/26 (2006.01); **F01K 7/02** (2006.01); **F01K 7/22** (2006.01); **F01K 7/24** (2006.01); **F01K 13/02** (2006.01)

CPC (source: EP US)

F01K 3/262 (2013.01 - US); **F01K 7/025** (2013.01 - US); **F01K 7/22** (2013.01 - EP US); **F01K 7/24** (2013.01 - EP US);
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Citation (search report)

See references of WO 2013149900A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 2647802 A1 20131009; CN 104204425 A 20141210; CN 104204425 B 20150916; EP 2805031 A1 20141126; EP 2805031 B1 20151223; IN 7231DEN2014 A 20150424; JP 2015515573 A 20150528; JP 5985737 B2 20160906; PL 2805031 T3 20160630; US 2015113989 A1 20150430; US 9574462 B2 20170221; WO 2013149900 A1 20131010

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