

Title (en)

Power plant comprising overload control valve

Title (de)

Kraftwerksanlage mit Überlast-Regelventil

Title (fr)

Centrale thermique comprenant vanne de régulation de surcharge

Publication

EP 2480762 A1 20120801 (DE)

Application

EP 10760971 A 20100921

Priority

- EP 09012048 A 20090922
- EP 2010063846 W 20100921
- EP 10760971 A 20100921

Abstract (en)

[origin: EP2299068A1] The power plant (1) has a steam generator (3) of a steam turbine (2), a fresh steam line (4) for supplying fresh steam to the steam turbine, an overload line (10), which forms a fluidic connection between the steam generator and a overload level (11) of the steam turbine. An overload-control valve (12) is arranged in the overload line. A pressure regulator is arranged, which is formed for controlling the overload-control valve. An independent claim is also included for a method for operating a power plant.

IPC 8 full level

F01K 7/22 (2006.01); **F01K 13/02** (2006.01)

CPC (source: EP KR US)

F01K 7/20 (2013.01 - KR); **F01K 7/22** (2013.01 - EP US); **F01K 13/02** (2013.01 - EP KR US); **Y10T 29/49229** (2015.01 - EP US)

Citation (search report)

See references of WO 2011036136A1

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 SE SI SK SM TR

DOCDB simple family (publication)

EP 2299068 A1 20110323; CN 102575530 A 20120711; CN 102575530 B 20141112; EP 2480762 A1 20120801; EP 2480762 B1 20140813; JP 2013502538 A 20130124; JP 5539521 B2 20140702; KR 101445179 B1 20140929; KR 20120068946 A 20120627; PL 2480762 T3 20150227; RU 2012116067 A 20131027; RU 2508454 C2 20140227; US 2012174584 A1 20120712; WO 2011036136 A1 20110331

DOCDB simple family (application)

EP 09012048 A 20090922; CN 201080042337 A 20100921; EP 10760971 A 20100921; EP 2010063846 W 20100921; JP 2012526087 A 20100921; KR 20127010440 A 20100921; PL 10760971 T 20100921; RU 2012116067 A 20100921; US 201013496020 A 20100909