

Title (en)

Assembly and method for dampening acoustic vibrations in such an assembly

Title (de)

Anlage und Verfahren zur Dämpfung akustischer Schwingungen bei einer entsprechenden Anlage

Title (fr)

Installation et procédé destinés à amortir des vibrations acoustiques dans une installation associée

Publication

EP 2623732 A1 20130807 (DE)

Application

EP 12153621 A 20120202

Priority

EP 12153621 A 20120202

Abstract (en)

The power plant (2) has a steam turbine (8) and a bypass station (10) which is provided for bypassing the working medium for steam turbine. A resonance absorber provided in bypass station is arranged between resonance absorber between cooling-medium injection unit and capacitor (6). The resonance absorber is provided with resonance portion. The bypass station is provided with pipeline. An independent claim is included for method for damping acoustic vibration in electric power plant.

Abstract (de)

Die Erfindung betrifft eine Anlage (2), insbesondere ein Kraftwerk (2), umfassend eine Dampfturbine (8) und eine Umleitstation (10) zur bedarfsweisen Umleitung eines Arbeitsmediums für die Dampfturbine (8) um die Dampfturbine (8) herum, wobei für die Umleitstation (10) zumindest ein Resonanzabsorber (20) vorgesehen ist.

IPC 8 full level

F01K 13/00 (2006.01); **F01K 27/00** (2006.01); **G10K 11/172** (2006.01)

CPC (source: EP US)

F01D 25/04 (2013.01 - US); **F01K 13/006** (2013.01 - EP US); **F01K 27/00** (2013.01 - EP US); **G10K 11/172** (2013.01 - EP US); **F05D 2260/963** (2013.01 - US)

Citation (search report)

- [X] CN 101713387 A 20100526 - YUTIAN ZHAO
- [X] US 2011005237 A1 20110113 - MATTESON PETER S [US], et al

Cited by

EP2924245A1; US9920628B2

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 2623732 A1 20130807; CN 104093943 A 20141008; CN 104093943 B 20160615; EP 2795074 A2 20141029; JP 2015505589 A 20150223; JP 5911975 B2 20160427; US 2015016951 A1 20150115; WO 2013113417 A2 20130808; WO 2013113417 A3 20140320

DOCDB simple family (application)

EP 12153621 A 20120202; CN 201280069012 A 20121107; EP 12786933 A 20121107; EP 2012071999 W 20121107; JP 2014555099 A 20121107; US 201214373663 A 20121107