

Title (en)

VAPOUR TURBINE AND VAPOUR TURBINE THRUST ADJUSTMENT METHOD

Title (de)

DAMPFTURBINE UND SCHUBEINSTELLUNGSVERFAHREN FÜR DIE DAMPFTURBINE

Title (fr)

TURBINE À VAPEUR ET PROCÉDÉ DE RÉGLAGE DE LA POUSSÉE D'UNE TURBINE À VAPEUR

Publication

EP 2589747 A4 20140827 (EN)

Application

EP 11800520 A 20110513

Priority

- JP 2010148624 A 20100630
- JP 2011061109 W 20110513

Abstract (en)

[origin: US2012017592A1] A steam turbine having at least a HP blade cascade, an IP blade cascade and a plurality of dummy members that are attached to a common rotor shaft, is provided with, but not limited to, a detection unit that detects a steam flow into an IP chamber, a pressure reducing unit that reduces a pressure difference between both sides of a target dummy member of said plurality of the dummy members when the steam flow into the IP chamber stops, the target dummy member having one side communicating with a part of the IP chamber, and a control unit that controls the pressure reducing unit based on a detection result obtained by the detection unit.

IPC 8 full level

F01D 3/04 (2006.01)

CPC (source: EP KR US)

F01D 3/04 (2013.01 - EP KR US); **F01D 25/00** (2013.01 - KR); **F01D 25/16** (2013.01 - KR)

Citation (search report)

- [A] US 2004101395 A1 20040527 - TONG WEI [US], et al
- See references of WO 2012002051A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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US 201113171563 A 20110629; CN 201180025267 A 20110513; EP 11800520 A 20110513; JP 2010148624 A 20100630; JP 2011061109 W 20110513; KR 20127031324 A 20110513