

Title (en)

CONTROL DEVICE FOR STEAM GOVERNING VALVE OF POWER GENERATION PLANT, AND METHOD FOR CONTROLLING STEAM GOVERNING VALVE OF POWER GENERATION PLANT

Title (de)

STEUERVORRICHTUNG FÜR EIN DAMPFREGELVENTIL EINER ENERGIEERZEUGUNGSANLAGE UND VERFAHREN ZUR STEUERUNG DES DAMPFREGELVENTILS EINER ENERGIEERZEUGUNGSANLAGE

Title (fr)

DISPOSITIF DE COMMANDE POUR SOUPAPE DE RÉGULATION DE VAPEUR D'UNE CENTRALE DE PRODUCTION D'ÉNERGIE, ET PROCÉDÉ DE COMMANDE DE SOUPAPE DE RÉGULATION DE VAPEUR D'UNE CENTRALE DE PRODUCTION D'ÉNERGIE

Publication

EP 3757355 A1 20201230 (EN)

Application

EP 19757587 A 20190129

Priority

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- JP 2019002913 W 20190129

Abstract (en)

The objective of the present invention is to provide a technique for controlling a steam governing valve of a power generation plant capable of maintaining an active power output after recovery from a power system transient event. A control system (10) for a steam governing valve of a power generation plant is provided with a transient event detecting unit (48) which detects an occurrence of a power system transient event, and an opening degree correcting unit (110) which, during the occurrence of the power system transient event, maintains an opening degree of a steam governing valve (13) for adjusting an amount of steam flowing into a steam turbine (18) to be in the vicinity the opening degree when the power system transient event occurred.

IPC 8 full level

F01D 21/00 (2006.01)

CPC (source: EP)

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Cited by

EP3810913A4; WO2019217632A1; US11773721B2; US11814964B2; US11898449B2

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DOCDB simple family (publication)

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