

Title (en)

METHOD FOR REGULATING A STEAM TURBINE WITH STEAM TAPPING, A REGULATING DEVICE FOR A STEAM TURBINE WITH STEAM TAPPING AND STEAM TURBINE WITH STEAM TAPPING

Title (de)

VERFAHREN ZUR REGELUNG EINER DAMPFTURBINE MIT DAMPFENTNAHME, REGELEINRICHTUNG FÜR EINE DAMPFTURBINE MIT DAMPFENTNAHME UND DAMPFTURBINE MIT DAMPFENTNAHME

Title (fr)

PROCEDE DE REGULATION D'UNE TURBINE A VAPEUR A SOUTIRAGE DE VAPEUR, DISPOSITIF DE REGULATION Y RELATIF ET TURBINE A VAPEUR A SOUTIRAGE DE VAPEUR

Publication

EP 1165951 B1 20040225 (DE)

Application

EP 00929236 A 20000324

Priority

- DE 0000904 W 20000324
- DE 19914626 A 19990331

Abstract (en)

[origin: US6497099B2] A method for controlling a steam turbine with a steam bleed for various operational tasks is provided. The operational tasks are each characterized by the type of the controlled variables used for controlling the steam turbine. A control structure is used for deriving actuating signals for actuating elements for valves. The actuating signals are derived from control signals of the regulators which are used. Only a single control structure is used for all the operational tasks. As a result, the configuration of the control is simplified, the control signals are decoupled, and a smooth changeover between the operational tasks is achieved. A device for controlling a steam turbine is also provided.

IPC 1-7

F02C 9/16; **F01D 17/02**

IPC 8 full level

F01D 17/00 (2006.01); **F01D 17/02** (2006.01); **F01K 13/02** (2006.01); **F02C 9/16** (2006.01)

CPC (source: EP KR US)

F01D 17/00 (2013.01 - EP US); **F01D 17/02** (2013.01 - KR); **F01K 13/02** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

WO 0060227 A1 20001012; AT E260405 T1 20040315; AU 4742000 A 20001023; AU 763434 B2 20030724; AU 763434 C 20040527; BR 0009508 A 20020219; BR 0009508 B1 20081118; CA 2368959 A1 20001012; CA 2368959 C 20080513; CN 1177998 C 20041201; CN 1348529 A 20020508; DE 50005417 D1 20040401; DK 1165951 T3 20040614; EP 1165951 A1 20020102; EP 1165951 B1 20040225; ES 2216890 T3 20041101; KR 100724813 B1 20070604; KR 20020016766 A 20020306; MX PA01009721 A 20020820; NZ 514142 A 20010928; US 2002066271 A1 20020606; US 6497099 B2 20021224

DOCDB simple family (application)

DE 0000904 W 20000324; AT 00929236 T 20000324; AU 4742000 A 20000324; BR 0009508 A 20000324; CA 2368959 A 20000324; CN 00806727 A 20000324; DE 50005417 T 20000324; DK 00929236 T 20000324; EP 00929236 A 20000324; ES 00929236 T 20000324; KR 20017012453 A 20010928; MX PA01009721 A 20000324; NZ 51414200 A 20000324; US 96842901 A 20011001