

Title (en)

CONTROL ARRANGEMENT AND METHOD FOR INTRODUCING OVERLOAD STEAM INTO A STEAM TURBINE

Title (de)

STEUERANORDNUNG SOWIE VERFAHREN ZUR ÜBERLASTDAMPFEINLEITUNG IN EINE DAMPFTURBINE

Title (fr)

SYSTEME DE COMMANDE ET PROCEDE POUR L'INTRODUCTION DE VAPEUR DE SURCHARGE DANS UNE TURBINE A VAPEUR

Publication

EP 0894184 A1 19990203 (DE)

Application

EP 97922832 A 19970414

Priority

- DE 9700748 W 19970414
- DE 19616837 A 19960426

Abstract (en)

[origin: WO9741335A1] The invention relates to a control arrangement (1) for supplying steam of a steam turbine (11) with a main flow path (2) for steam. The main flow path (2) has a flow cross-section (12) which can be adjusted by at least one control valve (4). A secondary flow path (3) can be connected in a fluidic manner via the control valve (4) to the main flow path (2). The invention also relates to a method for introducing overload steam into a steam turbine (11), in which in a control valve (4) part of the fresh steam flow (19) is diverted and is supplied to a turbine stage (18) downstream of a control stage (18a).

IPC 1-7

F01D 1/02; **F01D 17/10**

IPC 8 full level

F01D 1/02 (2006.01); **F01D 17/10** (2006.01)

CPC (source: EP KR)

F01D 1/02 (2013.01 - KR); **F01D 1/023** (2013.01 - EP); **F01D 17/105** (2013.01 - EP)

Citation (search report)

See references of WO 9741335A1

Designated contracting state (EPC)

AT CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)

WO 9741335 A1 19971106; CN 1221471 A 19990630; CZ 296898 A3 19990217; EP 0894184 A1 19990203; JP 2000509457 A 20000725; KR 20000065026 A 20001106; PL 329155 A1 19990315

DOCDB simple family (application)

DE 9700748 W 19970414; CN 97195332 A 19970414; CZ 296898 A 19970414; EP 97922832 A 19970414; JP 53844797 A 19970414; KR 19980708570 A 19981026; PL 32915597 A 19970414