

Title (en)

METHOD FOR SHORTENING THE START-UP PROCESS OF A STEAM TURBINE

Title (de)

VERFAHREN ZUR VERKÜRZUNG DES ANFAHRVORGANGS EINER DAMPFTURBINE

Title (fr)

PROCEDE DE RÉDUCTION DU PROCESSUS DE DÉMARRAGE D'UNE TURBINE À VAPEUR

Publication

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Application

EP 15778257 A 20151005

Priority

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Abstract (en)

[origin: WO2016062532A1] The invention relates to a method for shortening the start-up process of a steam turbine (2) having a turbine housing and turbine components provided inside the turbine housing, which come into contact with a superheated steam flowing through the turbine housing during operation, and which comprise a turbine shaft (6, 7) that axially passes through the turbine housing, wherein sealing regions (8) are formed between the turbine shaft (6, 7) and the turbine housing, which are applied with blocking steam during operation of the steam turbine (2), and wherein the steam turbine (2) is supplied with heat energy in an idle state of the steam turbine (2), wherein the inside of the turbine housing is supplied with blocking steam during the idle state of the steam turbine (2), in order to heat/or keep heated the turbine components provided inside the turbine housing.

IPC 8 full level

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CPC (source: EP US)

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