

Title (en)

Steam turbine system and method for controlling the steam flow of a steam turbine system

Title (de)

Dampfturbinensystem und Verfahren zur Steuerung des Dampfflusses aus einem Dampfturbinensystem

Title (fr)

Système de turbine à vapeur et procédé pour contrôler le débit de vapeur d'un système de turbine à vapeur

Publication

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Application

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Priority

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Abstract (en)

[origin: EP2492456A1] The invention relates to a steam turbine system (10) for generating power, comprising a steam turbine (20) with turbine blades (22) surrounding a rotor (24) and being arranged inside a turbine casing (26). Furthermore, a nozzle box (30) is provided inside the turbine casing with nozzles (32) directing steam to the turbine blades (22) of the steam turbine (20). Moreover, a main steam system (40) with a main input port (42), a main valve (44), located downstream of the main input port (42), at least one control valve (46) located downstream of the main valve (44) and upstream of the nozzle box (30), and steam lines (48) connecting the main input port (42), the main valve (44), the at least one control valve (46) and the nozzle box (30) is provided.

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