

Title (en)

METHOD FOR FEEDING STEAM INTO A STEAM TURBINE AND A STEAM TURBINE WITH A STEAM CONDUIT FOR FEEDING STEAM

Title (de)

VERFAHREN ZUR DAMPFZUFÜHRUNG IN EINE DAMPFTURBINE UND DAMPFTURBINE MIT ZUFÜHRDAMPFLEITUNG

Title (fr)

PROCÉDÉ POUR ALIMENTER EN VAPEUR UNE TURBINE À VAPEUR ET TURBINE À VAPEUR AVEC UN CONDUIT DE VAPEUR POUR L#ALIMENTATION EN VAPEUR

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Application

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Priority

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Abstract (en)

The invention relates to a method for feeding steam into a guide wheel (1) of a regulatory stage of a steam turbine, in which steam is fed into mutually separated segments (11, 12, 13, 14, 15, 16) of the guide wheel (1) and the steam supply into each of these segments (11, 12, 13, 14, 15, 16) is regulated by a control valve (41, 41', 42, 42', 43), wherein steam is fed simultaneously into at least two mutually separated segments (11, 12, 13, 14, 15, 16) of the guide wheel (1) of the regulatory stage of the steam turbine, which together constitute a part of the circumference of the guide wheel (1), steam supply into these segments (11, 12, 13, 14, 15, 16) being regulated by one common control valve. The invention also relates to a steam turbine which comprises a regulatory stage with a guide wheel (1), which is divided into mutually separated segments (11, 12, 13, 14, 15, 16), whereby each of these segments (11, 12, 13, 14, 15, 16) is connected to a steam supply, in which is arranged a shut off valve (3, 3'), behind which is arranged in the direction of the motion of the steam a control valve (41, 41', 42, 42', 43) for each segment (11, 12, 13, 14, 15) of the guide wheel (1), whereby at least two segments (11, 12, 13, 14, 15), which together constitute a part of the circumference of the guide wheel (1) of the regulatory stage, are connected by means of a steam conduit (410, 410', 420, 420', 430) to one common control valve (41, 41', 42, 42', 43).

IPC 8 full level

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Citation (search report)

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