

Title (en)

NOZZLE CASING FOR A STEAM TURBINE WITH FOUR CHAMBERS AND TWO CONTROL WHEELS

Title (de)

DÜSENGEHÄUSE FÜR EINE DAMPFTURBINE MIT VIER KAMMERN UND ZWEI STEUERRÄDERN

Title (fr)

BOÎTIER DE BUSE POUR UNE TURBINE À VAPEUR DOTÉE DE QUATRE CHAMBRES ET DE DEUX ROUES DE COMMANDE

Publication

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Application

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Priority

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Abstract (en)

[origin: EP3929409A1] It is described a nozzle casing (1) for a steam turbine (1000), comprising a first section (2) extending at least partly along a circumferential direction of the steam turbine (1000), wherein the first section (2) defines a first chamber (3) and a second chamber (4), which are not in a fluid-communication with each other and extend along different sections along the circumferential direction of the steam turbine (1000), wherein the first section (2) further comprises a first inlet (5) configured to introduce a first steam flow from the outside into the first chamber (3), a second inlet (6) configured to introduce a second steam flow from the outside into the second chamber (4), a first outlet (7) being in a fluid communication with the first and second chambers (3, 4), and a second outlet (8) being in a fluid communication with the first and second chambers (3, 4), such that the first steam flow flowing from the first inlet (5) into the first chamber (3) is injectable through the first and second outlets (7, 8) into flow paths of the steam turbine (1000), and the second steam flow flowing from the second inlet (6) into the second chamber (4) is injectable through the first and second outlets (7, 8) into the flow paths of the steam turbine (1000).

IPC 8 full level

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CPC (source: EP)

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