

Title (en)
STEAM TURBINE

Title (de)
DAMPFTURBINE

Title (fr)
TURBINE À VAPEUR

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Abstract (en)
The present invention provides a steam turbine comprising: a steam inlet opening; a steam distribution container connected to the steam inlet opening and providing a single long shaped chamber formed along a front side of the steam turbine; a plurality of injection nozzles communicating with the steam distribution container, wherein the injection nozzles are diverged and extended into an inside of a housing, and injects steam into an impeller inside the housing; wherein an injection valves supplying or blocking steam to each injection nozzle is installed at a turbine entrance, wherein a steam outlet passage and a steam gathering container are installed at the housing, wherein a diameter of the steam outlet passage becomes narrow toward an end, and the steam gathering container is connected to the end of the steam outlet passage and provides a single long shaped chamber formed along the steam turbine.

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