

Title (en)
REACTION-TYPE TURBINE

Title (de)
REAKTIONSTURBINE

Title (fr)
TURBINE DU TYPE À RÉACTION

Publication
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Application
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Abstract (en)
The present invention relates to a reaction-type turbine. The reaction-type turbine of the present invention is configured such that a jet and rotating unit and a turbine shaft rotate by the repulsive force generated when steam spurts from the jet and rotating unit, so as to generate propulsion force. Thus, the operating stability of a steam turbine can be maintained even when condensate water is mixed with the steam, and manufacturing costs can be significantly reduced. Further, in order to reduce a loss of energy, the flow resistance of the steam is remarkably reduced or pressure leakage is prevented, thereby obtaining a low-cost and high-efficiency turbine.

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