

Title (en)
REACTION-TYPE TURBINE

Title (de)
REAKTIONSTURBINE

Title (fr)
TURBINE DU TYPE À RÉACTION

Publication
EP 2410127 A4 20180228 (EN)

Application
EP 09841930 A 20090318

Priority
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Abstract (en)
[origin: EP2410127A1] 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.

IPC 8 full level
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F01D 1/22 (2013.01 - EP US); **F01D 1/32** (2013.01 - EP US); **F01D 1/34** (2013.01 - EP US); **F01D 25/24** (2013.01 - EP US)

Citation (search report)

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- See references of WO 2010107146A1

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Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

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