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(54) Tip cover of a steam turbine for the drainage of water droplets

(57) A steam turbine includes: a turbine rotor shaft; a plurality of blades that are provided on the turbine rotor shaft and are rotated by a steam flow; tip covers that are attached to tip ends of the respective blades and are connected to and in contact with one another; at least one water drip fin that is provided along a circumferential direction at the tip cover, and outwardly extends in a radial direction of each of the blades; and a diaphragm outer ring that is disposed at an outer circumferential side from each of the blades, and has a drain catcher opposed to a tip end portion of the water drip fin, wherein the tip cover is provided with a leading edge that is formed at a downstream side in an axial direction from a leading edge of the blade or at a position in the axial direction corresponding to the leading edge of the blade in the axial direction.

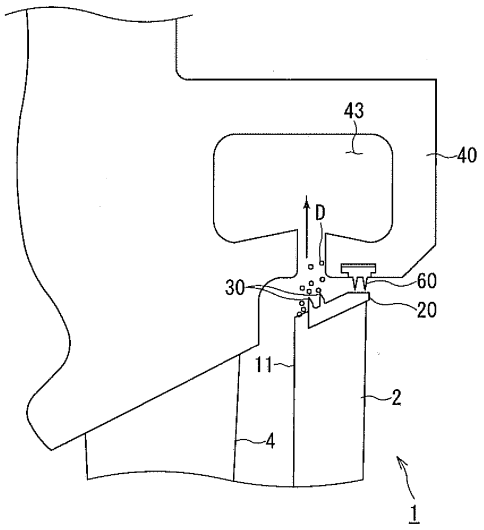

FIG. 7

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EUROPEAN SEARCH REPORT

Application Number
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The present search report has been drawn up for all claims

Place of search	Date of completion of the search	Examiner
Munich	21 July 2014	Klados, Iason

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