

Title (en)
STEAM TURBINE

Title (de)
DAMPFTURBINE

Title (fr)
TURBINE À VAPEUR

Publication
EP 3988766 A4 20220427 (EN)

Application
EP 20875638 A 20201104

Priority
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Abstract (en)
[origin: WO2022045446A1] The present invention provides a steam turbine comprising: a steam injection port; a steam distribution container, connected to the steam injection port, that provides a single chamber formed in an elongated shape along the front of the steam turbine; and a plurality of spray nozzles that communicate with the steam distribution container and individually branch out and extend to the inside of the lower portion of a housing to spray an impeller housed therein with steam. Injection valves for supplying or cutting off the supply of steam to respective spray nozzles are installed at the entrance of the turbine. A steam exit having a gradually decreasing diameter and a steam collection container, connected to the end of the steam exit, that provides a single chamber formed in an elongated shape along the steam turbine are installed in the upper portion of the housing.

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Citation (search report)
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• [I] US 2865599 A 19581223 - BOYER LAWSON R
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• See references of WO 2022045446A1

Designated contracting state (EPC)
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