

Title (en)
TURBINE NOZZLE SUPPORT DEVICE AND STEAM TURBINE

Title (de)
TURBINENDÜSENSTÜTZVORRICHTUNG UND DAMPFTURBINE

Title (fr)
DISPOSITIF PORTE-INJECTEUR SUR TURBINE ET TURBINE À VAPEUR

Publication
EP 1793092 A1 20070606 (EN)

Application
EP 05765430 A 20050629

Priority

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Abstract (en)

A steam turbine includes a turbine casing, a turbine rotor disposed in the turbine casing, a plurality of turbine stages, a cylinder substantially coaxial with the turbine casing, and a fixing partition plate having an outer edge fixed to the turbine casing and an inner edge fixed to an outer circumferential portion of the cylinder. In a turbine nozzle support holder of such the steam turbine, the turbine stages each includes turbine movable blades disposed circumferentially around the turbine rotor and turbine nozzles paired with the turbine movable blades and disposed upstream of the turbine movable blades. The turbine nozzles of the turbine stages are arranged inside the cylinder in an axial direction and are engaged with and fixed to the cylinder. The fixing partition plate is disposed downstream of the center of the cylinder in the axial direction to separate an upstream atmosphere and a downstream atmosphere.

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