

Title (en)

TURBINE SHAFT AND PROCESS FOR COOLING A TURBINE SHAFT

Title (de)

TURBINENWELLE SOWIE VERFAHREN ZUR KÜHLUNG EINER TURBINENWELLE

Title (fr)

ARBRE DE TURBINE ET PROCEDE DE REFROIDISSEMENT D'UN ARBRE DE TURBINE

Publication

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Application

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Priority

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Abstract (en)

[origin: US6082962A] A turbine shaft includes an inflow region for fluid, in particular steam, and at least two recesses spaced apart axially from one another and from the inflow region, for receiving at least one turbine blade in each case. A cavity in the turbine shaft is associated with the inflow region and is connected to a feed line and a discharge line for fluid for cooling the turbine shaft. A steam turbine and a method for cooling an inflow region of a turbine shaft disposed in a steam turbine, are also described.

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