

Title (en)

STEAM TURBINE, STEAM TURBINE PLANT AND METHOD OF COOLING A STEAM TURBINE

Title (de)

DAMPFTURBINE, DAMPFTURBINENANLAGE SOWIE VERFAHREN ZUR ABKÜHLUNG EINER DAMPFTURBINE

Title (fr)

TURBINE A VAPEUR, INSTALLATION DE TURBINE A VAPEUR ET PROCEDE DE REFROIDISSEMENT DE TURBINE A VAPEUR

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Application

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Abstract (en)

[origin: WO9813588A1] The invention concerns a steam turbine (1) comprising a steam-inlet region (2), an exhaust steam region (3) and a blading region (4) which is disposed axially therebetween and is surrounded by a turbine housing (5). Further provided is a cooling fluid inlet (7) which can be closed and opened by a closure member (8) and through which the cooling fluid (6) can be introduced into the turbine housing (5). The introduced cooling fluid (6) can be discharged from the turbine housing (5) again via a suction device (10) for drawing off cooling fluid (6). The invention further concerns a steam turbine plant (20), and a method of cooling a steam turbine (1).

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