

Title (en)

FORCED COOLING IN STEAM TURBINE PLANTS

Title (de)

ZWANGSKÜHLUNG BEI DAMPFTURBINENANLAGEN

Title (fr)

REFROIDISSEMENT FORCÉ D'UN SYSTÈME DE TURBINE À VAPEUR

Publication

EP 2839119 A2 20150225 (DE)

Application

EP 13719440 A 20130417

Priority

- EP 12166000 A 20120427
- EP 2013057964 W 20130417
- EP 13719440 A 20130417

Abstract (en)

[origin: EP2657467A1] The turbine plant (3) has a suction fan (6) coupled to a turbine outlet (5) or to a turbine inlet (4) of a turbine (29), where a process gas (15), particularly a water vapor, is flown in a flow direction (27) of the turbine inlet to the turbine outlet. A cooling medium (7) aspirated in the turbine is sucked by the suction fan over the turbine inlet in the process gas flow direction. The cooling medium is sucked over the turbine outlet against the process gas flow direction. The suction fan is coupled to the turbine outlet, particularly with an exhaust channel (9) at the turbine outlet. An independent claim is included for a method for cooling a turbine plant.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2013160164A2

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