

Title (en)  
METHOD AND DEVICE FOR PRODUCING SUPERHEATED STEAM FROM SATURATED STEAM AND A STEAM GENERATING FACILITY

Title (de)  
VERFAHREN UND EINRICHTUNG ZUR ERZEUGUNG VON ÜBERHITZTEM DAMPF AUS SATTDAMPF SOWIE DAMPFKRAFTANLAGE

Title (fr)  
PROCEDE ET DISPOSITIF DE PRODUCTION DE VAPEUR SURCHAUFFEE A PARTIR DE VAPEUR SATUREE ET INSTALLATION THERMIQUE CORRESPONDANTE

Publication  
**EP 0856126 A2 19980805 (DE)**

Application  
**EP 96945485 A 19961008**

Priority  
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• DE 19538674 A 19951017

Abstract (en)  
[origin: DE19538674A1] To ensure reliable production of superheated steam from saturated steam using simple means, a first subsidiary stream t1 of the saturated steam is throttled before being superheated by heat exchange with a second subsidiary stream t2 of saturated steam. A steam turbine (2), when supplied with this superheated reserve steam (SD) taken from a steam collecting drum (24) of its water-steam circulation (34), is exposed to a particularly low corrosion risk even during start up following a night stoppage.

IPC 1-7  
**F22G 1/00**; **F01K 3/00**; **F01D 11/04**

IPC 8 full level  
**F01D 11/04** (2006.01); **F01D 25/00** (2006.01); **F01K 3/00** (2006.01); **F22G 1/00** (2006.01)

CPC (source: EP US)  
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Citation (search report)  
See references of WO 9714285A2

Designated contracting state (EPC)  
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