

Title (en)  
METHOD APPLICABLE TO A CONTINUOUS STEAM GENERATOR, AND THE STEAM GENERATOR NEEDED FOR APPLYING SAME

Title (de)  
VERFAHREN ZUM BETREIBEN EINES DURCHLAUFDAMPFERZEUGERS UND DURCHLAUFDAMPFERZEUGER ZUR DURCHFÜHRUNG DES VERFAHRENS

Title (fr)  
PROCEDE APPLICABLE AVEC UN GENERATEUR DE VAPEUR EN CONTINU, ET LE GENERATEUR DE VAPEUR NECESSAIRE A L'APPLICATION DE CE PROCEDE

Publication  
**EP 0937218 A1 19990825 (DE)**

Application  
**EP 97945787 A 19971024**

Priority

- DE 9702479 W 19971024
- DE 19645748 A 19961106

Abstract (en)  
[origin: DE19645748C1] The steam generator operating method has a flow medium fed through vertical pipes enclosing a combustion chamber, with the mass flow-rate (m) of the flow medium defined by a given equation in terms of the outer dia. of the pipes, their wall thickness, the permissible max. temp. of the pipe material and the heat flow density (q). Pref. the max. permissible temp. is calculated from a given equation in terms of the critical temp.corresponding to the temp. of the flow medium at a critical pressure, the permissible stress, the thermic expansion coefficient and the elasticity modulus of the pipe material.

IPC 1-7  
**F22B 37/10**; **F22B 29/06**

IPC 8 full level  
**F22B 35/00** (2006.01); **C22C 38/00** (2006.01); **F22B 21/06** (2006.01); **F22B 29/06** (2006.01); **F22B 35/10** (2006.01); **F22B 37/04** (2006.01); **F22B 37/10** (2006.01); **F22B 37/12** (2006.01)

CPC (source: EP KR US)  
**F22B 29/062** (2013.01 - EP US); **F22B 37/10** (2013.01 - KR); **F22B 37/103** (2013.01 - EP US)

Citation (search report)  
See references of WO 9820280A1

Designated contracting state (EPC)  
CH DE DK ES FR GB LI SE

DOCDB simple family (publication)  
**DE 19645748 C1 19980312**; CA 2270596 A1 19980514; CN 1240020 A 19991229; DE 59702415 D1 20001102; DK 0937218 T3 20010205; EP 0937218 A1 19990825; EP 0937218 B1 20000927; ES 2151295 T3 20001216; JP 2001503505 A 20010313; KR 20000053090 A 20000825; RU 2181179 C2 20020410; US 6250257 B1 20010626; WO 9820280 A1 19980514

DOCDB simple family (application)  
**DE 19645748 A 19961106**; CA 2270596 A 19971024; CN 97180335 A 19971024; DE 59702415 T 19971024; DE 9702479 W 19971024; DK 97945787 T 19971024; EP 97945787 A 19971024; ES 97945787 T 19971024; JP 52093598 A 19971024; KR 19997004014 A 19990506; RU 99112177 A 19971024; US 30617599 A 19990506