

Title (en)

PROCESS AND SYSTEM FOR STARTING A FLOW STEAM GENERATOR

Title (de)

VERFAHREN UND SYSTEM ZUM ANFAHREN EINES DURCHLAUFDAMPFERZEUGERS

Title (fr)

PROCEDE ET SYSTEME DE DEMARRAGE D'UN GENERATEUR DE VAPEUR A PASSAGE

Publication

EP 0842381 B1 20000112 (DE)

Application

EP 96924761 A 19960719

Priority

- DE 9601343 W 19960719
- DE 19528438 A 19950802

Abstract (en)

[origin: DE19528438A1] A process is disclosed for starting a flow steam generator (1) with a combustion chamber (6) having a plurality of burners (5) for a fossil fuel (B) and a gas-tight external wall (2) made of at least approximately vertical evaporator pipes (4) through which feed water flows upwards. In order to avoid starting losses, the water level (H) in the evaporator pipes (4) and the ratio between fuel flow and feed water flow are set in such a way that the water (S) completely evaporates when flowing through the evaporator pipes (4), so that no more water is available at the evaporator outlet (10). For that purpose, a starting system (84) is used having regulating means (66) for regulating the water level (H) in the evaporator (4), as well as the ratio between fuel flow and feed water flow.

IPC 1-7

F22B 35/14; **F22B 35/10**

IPC 8 full level

F22B 35/10 (2006.01); **F22B 35/14** (2006.01)

CPC (source: EP US)

F22B 35/14 (2013.01 - EP US)

Designated contracting state (EPC)

CH DE FR GB IT LI

DOCDB simple family (publication)

DE 19528438 A1 19970206; **DE 19528438 C2 19980122**; DE 59604183 D1 20000217; EP 0842381 A1 19980520; EP 0842381 B1 20000112; IN 189235 B 20030111; JP H11510241 A 19990907; US 5983639 A 19991116; WO 9705425 A1 19970213

DOCDB simple family (application)

DE 19528438 A 19950802; DE 59604183 T 19960719; DE 9601343 W 19960719; EP 96924761 A 19960719; IN 1373CA1996 A 19960801; JP 50709297 A 19960719; US 1746698 A 19980202