

Title (en)  
FORCED-FLOW STEAM GENERATOR

Title (de)  
ZWANGDURCHLAUFDAMPFERZEUGER

Title (fr)  
GÉNÉRATEUR DE VAPEUR À CIRCULATION FORCÉE

Publication  
**EP 2601441 A2 20130612 (DE)**

Application  
**EP 11725739 A 20110615**

Priority  
• DE 102010038883 A 20100804  
• EP 2011059930 W 20110615

Abstract (en)  
[origin: WO2012016749A2] A forced-flow steam generator (1) having a surrounding wall (4) formed from steam generator pipes (2) which are welded in a gas-tight fashion and traversable by flow in the vertical direction, in which within the surrounding wall (4) there is arranged a passage collector (14) by means of which the outlet side of a first multiplicity of steam generator pipes (2) in parallel configuration is connected at the flow medium side to the inlet side of a second multiplicity, in series configuration with and downstream of the first multiplicity, of steam generator pipes (2) in parallel configuration, should have a particularly long service life and particularly low susceptibility to faults, independently of the operating state. For this purpose, the steam generator pipes (16) arranged downstream of the passage collector (14) have in each case one restrictor device (18).

IPC 8 full level  
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CPC (source: EP KR US)  
**F01K 7/16** (2013.01 - US); **F22B 21/34** (2013.01 - EP KR US); **F22B 21/36** (2013.01 - KR); **F22B 21/366** (2013.01 - EP US); **F22B 29/02** (2013.01 - EP KR US); **F22B 29/062** (2013.01 - US); **F22B 37/74** (2013.01 - US)

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See references of WO 2012016749A2

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