

Title (en)
CONTINUOUS STEAM GENERATOR

Title (de)
DURCHLAUFDAMPFERZEUGER

Title (fr)
GÉNÉRATEUR DE VAPEUR EN CONTINU

Publication
EP 2364414 B1 20160106 (DE)

Application
EP 09748302 A 20091028

Priority
• EP 2009064205 W 20091028
• EP 08019643 A 20081110
• EP 09748302 A 20091028

Abstract (en)
[origin: WO2010052158A2] The invention relates to a continuous steam generator (1) comprising a combustion chamber (2) having a number of burners for fossil fuel and an outside wall (12) composed of steam generator pipes (20) that are welded to each other gas-tight, wherein a vertical gas flue (8) is connected downstream of the combustion chamber (2) on the hot gas side in an upper area (4) through a horizontal gas flue (6), wherein a part of the outside wall (12) facing the vertical gas flue (6) and below the horizontal gas flue (6) is inclined inward and thus forms a nose (14) projecting into the combustion chamber (2) with the bottom (16) of the adjacent horizontal gas flue (6), wherein the continuous steam generator should have a simplified design and a particularly high reliability in operation. For this purpose, a number of support pipes (26) are connected downstream of at least one part of the steam generator pipes (20) of the nose (14) at the upper end thereof on the flow medium side, wherein said support pipes are guided substantially vertically to the lower end of the nose (14).

IPC 8 full level
F22B 21/34 (2006.01); **F22B 29/06** (2006.01); **F22B 37/62** (2006.01)

CPC (source: EP KR US)
F22B 21/34 (2013.01 - KR); **F22B 21/343** (2013.01 - EP US); **F22B 29/06** (2013.01 - KR); **F22B 29/061** (2013.01 - EP US);
F22B 37/62 (2013.01 - EP KR US)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)
WO 2010052158 A2 20100514; WO 2010052158 A3 20100819; AU 2009312906 A1 20100514; AU 2009312906 B2 20140320; BR PI0921214 A2 20160223; CA 2743004 A1 20100514; CN 102245966 A 20111116; CN 102245966 B 20140507; DK 2364414 T3 20160321; EP 2213936 A1 20100804; EP 2364414 A2 20110914; EP 2364414 B1 20160106; JP 2012508362 A 20120405; JP 5355704 B2 20131127; KR 101619561 B1 20160510; KR 20110094042 A 20110819; MX 2011004906 A 20110616; PL 2364414 T3 20160630; RU 2011123653 A 20121220; TW 201030286 A 20100816; TW I512241 B 20151211; US 2011214622 A1 20110908; US 8851023 B2 20141007

DOCDB simple family (application)
EP 2009064205 W 20091028; AU 2009312906 A 20091028; BR PI0921214 A 20091028; CA 2743004 A 20091028; CN 200980148943 A 20091028; DK 09748302 T 20091028; EP 08019643 A 20081110; EP 09748302 A 20091028; JP 2011535075 A 20091028; KR 20117013164 A 20091028; MX 2011004906 A 20091028; PL 09748302 T 20091028; RU 2011123653 A 20091028; TW 98137709 A 20091106; US 200913127340 A 20091028