

Title (en)

STEAM GENERATION DEVICE AND SYSTEM

Title (de)

DAMPFERZEUGUNGSVORRICHTUNG UND SYSTEM

Title (fr)

SYSTÈME ET DISPOSITIF DE GÉNÉRATION DE VAPEUR

Publication

EP 3124860 A2 20170201 (EN)

Application

EP 16181060 A 20160725

Priority

US 201514756047 A 20150727

Abstract (en)

Water is introduced into a steam production apparatus and system to produce steam. Electrical power is supplied to the apparatus through spaced apart electrical terminals to heat water introduced into the apparatus to turn the water into steam. The steam can be used for various purposes including powering of steam turbines for generating electricity, driving machinery, and for providing heat for heating systems. The generated steam can be used for various other purposes.

IPC 8 full level

F22B 1/30 (2006.01); **F24H 1/10** (2006.01); **H05B 3/00** (2006.01); **H05B 3/42** (2006.01); **H05B 3/60** (2006.01)

CPC (source: EP US)

F22B 1/30 (2013.01 - EP US); **F22B 1/303** (2013.01 - US); **F24H 1/106** (2013.01 - EP US); **H05B 3/0009** (2013.01 - EP US); **H05B 3/42** (2013.01 - EP US)

Citation (applicant)

- US 5506391 A 19960409 - BURAYEZ AMAR K [US], et al
- US 7764869 B2 20100727 - NOE NATHAN HARRISON [US], et al

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3124860 A2 20170201; **EP 3124860 A3 20170412**; CA 2934165 A1 20170127; US 2017030577 A1 20170202

DOCDB simple family (application)

EP 16181060 A 20160725; CA 2934165 A 20160627; US 201614999636 A 20160609