

Title (en)

STEAM GENERATION DEVICE AND SYSTEM

Title (de)

DAMPFERZEUGUNGSVORRICHTUNG UND SYSTEM

Title (fr)

SYSTÈME ET DISPOSITIF DE GÉNÉRATION DE VAPEUR

Publication

**EP 3124860 A3 20170412 (EN)**

Application

**EP 16181060 A 20160725**

Priority

US 201514756047 A 20150727

Abstract (en)

[origin: EP3124860A2] Water is introduced into a steam production apparatus and system to produce steam. Electrical power is supplied to the apparatus though spaced apart electrical terminals to heat water introduce 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 (search report)

- [XY] US 5222185 A 19930622 - MCCORD JR HARRY C [US]
- [X] WO 2007062432 A1 20070531 - MARKOVIC MIROSLAV [YU]
- [Y] GB 168863 A 19220601 - EDOUARD MEYSTRE
- [X] EP 0170489 A2 19860205 - CAVE NORMAN MAWDSLEY
- [X] GB 1368082 A 19740925 - MARSTON EXCELSIOR LTD
- [X] US 1103274 A 19140714 - DENHARD HARRY W [US]

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