

Title (en)

INCINERATOR, WORKPIECE TREATMENT INSTALLATION, AND METHOD FOR OPERATING AN INCINERATOR

Title (de)

VERBRENNUNGSANLAGE, WERKSTÜCKBEHANDLUNGSANLAGE UND VERFAHREN ZUM BETREIBEN EINER VERBRENNUNGSANLAGE

Title (fr)

INSTALLATION DE COMBUSTION, INSTALLATION DE TRAITEMENT DE PIÈCES ET PROCÉDÉ DE FONCTIONNEMENT D'UNE  
INSTALLATION DE COMBUSTION

Publication

**EP 2959227 A1 20151230 (DE)**

Application

**EP 14704783 A 20140214**

Priority

- DE 102013203089 A 20130225
- EP 2014052903 W 20140214

Abstract (en)

[origin: WO2014128056A1] In order to produce an incinerator, in which solar radiation can be used for reducing the quantity of fuel required with little technical effort, the incinerator comprises an incineration device for chemically reacting fuel and oxidising agent, a fuel supply line for supplying fuel to the incineration device, an oxidising agent supply line for supplying oxidising agent to the incineration device, an exhaust gas conduit for removing exhaust gas from the incineration device, a solar thermal device, by means of which a heat transfer medium in the form of as thermal oil can be heated using solar radiation, wherein the solar thermal device comprises one or a plurality of Fresnel collectors, and the incinerator further comprises one or a plurality of heat exchangers by means of which heat can be transferred from the heat transfer medium to the fuel conducted in the fuel supply line, to the oxidising agent conducted in the oxidising agent supply line, and/or to the exhaust gas conducted in the exhaust gas conduit.

IPC 8 full level

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Citation (search report)

See references of WO 2014128056A1

Citation (examination)

- DE 102008034746 A1 20100204 - CRONE WAERMETECHNIK GMBH [DE]
- US 6418636 B1 20020716 - SONNER HARALD [DE]
- WO 2010067209 A2 20100617 - KYOTO ENERGY LTD [KE], et al
- WO 2010092584 A1 20100819 - HELIOFOCUS LTD [IL], et al

Designated contracting state (EPC)

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Designated extension state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

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