



New connection on: : 06-07-2018 : 06:20:47 - Last disconnection on: : 06-07-2018 : 02:32:01

V 4.0.0.44358(LP,U,linux) (Rev:43856 2017-04-27 09:03:29 +0200#(D201802)) (RPM D201802)

Welcome to EPOQUE Rebuild under the Production Environment

[No database/cluster active] ..fi epodoc

 Database: EPODOC

[EPODOC: SS 1] F23G1/00/c/low

Results in EPODOC 647

[SS 2] * and channel

Results in EPODOC 3

[SS 3] ..li



1/3 © EPODOC / EPO

PN - [US2013206045](#) A1 20130815

PR - DE20101017578 20100625; WO2011DE75147 20110622

AP - US201113806618 20110622

DT - **

CT - || R141 (A1)

[US3777676](#) A [];

[US4167909](#) A [];

[US2009320725](#) A1 [];

[US8590463](#) B1 []

CCI - [F23C9/08](#) ; [F23G1/00](#)

CCA - [F23C2202/30](#) ; [F23C2900/09002](#) ; [F23G2900/00001](#)

PA - YU ZHIYONG [CN]; FIEN KREMATECH GMBH [DE]

TI - CREMATORIUM OVEN

AB - The invention relates to a crematorium oven 1 comprising at least one combustion chamber 2 with a ceiling, wall 2.1 and base 3 on which to place the object to be cremated, a heat supply system 4, a combustion air supply 5 and a flue gas outlet 6. Within the ceiling and/or the wall 2.1 and/or the base 3 of the combustion chamber 2 at least one combustion air supply **channel 7** and at least one flue gas return **channel 8**

are provided whereby the flue gas return **channel 8** in the ceiling, and/or the wall 2.1 and/or the base 3 has an inlet 8.1 and an outlet 8.2. In the ceiling and/or wall 2.1 and/or in the base 3 of the combustion chamber 2 the at least one combustion air supply **channel 7** opens into the at least one flue gas return **channel 8**, so that with the supplied combustion air a suction effect of the combustion air supply into the combustion chamber 2 is brought about. In this way at least part of the flue gas produced during the combustion process is drawn into the inlet 8.1 of the flue gas return **channel 8** and emitted through the outlet 8.2 of the flue gas return **channel 8** into the combustion chamber 2 and is thereby supplied to the combustion process again.

2/3 © EPODOC / EPO

PN - [EP2068079](#) A2 20090610
 PR - CH20070001878 20071205
 AP - EP20080169351 20081118
 DT - **
 CCI - [F23G1/00](#) ; [F23G5/24](#)
 CCA - [F23G2202/30](#) ; [F23G2203/00](#) ;
[F23G2204/101](#) ; [F23G2206/10](#) ;
[F23G2209/20](#) ;
[F23G2900/50804](#) ;
[F23G2900/55001](#) ;
[F23G2900/7009](#)
 PA - MONA INTELLECTUAL PROPERTY
 EST [CH]
 TI - Combustion device
 AB - The device (0) has a
 ventilation **channel (21)**
 arranged on an outer chamber
 (2) and directly or indirectly
 arranged in a combustion
 chamber (1), such that oxygen-
 containing ambient air in a
 positively driven flow path is
 guided into the combustion
 chamber through an
 intermediate chamber and an
 outer surface of the combustion
 chamber. The outer chamber is
 mounted, such that the
 intermediate chamber is formed
 between outer surfaces of a side
 wall and a cover of the
 combustion chamber and inner
 surfaces of a lateral cover wall
 and an upper cover wall of the
 outer chamber.

FIG. 3b

n

21

3/3 © EPODOC / EPO

PN - [GB1529241](#) A 19781018
PR - CH19750005679 19750502
AP - GB19760004453 19760204
DT - **
CCI - [F23G1/00](#)
PA - BBC BROWN BOVERI & CIE
TI - CREMATION FURNACE
AB - 1529241 Cremation furnace BBC
BROWN BOVERI & CO Ltd 4 Feb
1976 [2 May 1975] 04453/76
Heading F4B A cremation furnace
has an electrically heated or gas
heated main combustion space
3, the combustible gas from
which is drawn downwards into
a collecting space 4 having an
ash plate 5. A central
smoke **channel** 7 is below the ash
plate and afterburner passages 8
are arranged laterally adjacent
the space 4. Heating means
which may be in the form of
electrical elements in
replaceable element carriers 11
are provided in the afterburner
passages. Alternatively the
afterburner passages may have
gas burners.

FIG. 1



[SS 3] 1 and alkaline

Results in EPODOC 0

[SS 4] 1

Results in EPODOC 647

[SS 5] 1 and alkal+

Results in EPODOC 0

[SS 6]