

Title (en)

Compact smoke-treatment module and cremation facility including the module

Title (de)

Kompaktmodul zur Behandlung von Rauchgasen, und Verbrennungsanlage, die ein solches Modul umfasst

Title (fr)

Module compact de traitement de fumées et installation de crémation comprenant le module

Publication

EP 2784389 A1 20141001 (FR)

Application

EP 14156051 A 20140220

Priority

FR 1352679 A 20130325

Abstract (en)

The module (1) has a boiler (6) for cooling smokes to be treated, a storage and proportioning device of reagents and a dust filter (9). The boiler, the storage and proportioning device and the filter are arranged, so that the cooled smoke and the reagents are directed in a free volume (21) available under entire surface of the filter before being sucked through the filter. Two contiguous compartments are separated by a partition (8). One of the compartments includes the boiler and the storage and proportioning device. Another compartment includes the filter. An independent claim is also included for a cremation facility for human or animal bodies.

Abstract (fr)

1/ Module de traitement de fumées se présentant sous la forme d'une enceinte unique (1) comprenant au moins 3 éléments parmi lesquels une chaudière (6) de refroidissement des fumées à traiter, un dispositif de stockage et de dosage de réactifs (20) et un filtre (9), lesdits trois éléments étant agencés de sorte à ce que les fumées refroidies ainsi que les réactifs soient dirigés dans un volume libre (21) disponible sous toute la surface du filtre (9) avant d'être aspirés au travers du filtre (9).

IPC 8 full level

F23G 1/00 (2006.01); **F23J 15/00** (2006.01); **F23J 15/02** (2006.01); **F23J 15/06** (2006.01)

CPC (source: EP)

F23G 1/00 (2013.01); **F23J 15/003** (2013.01); **F23J 15/025** (2013.01); **F23J 15/06** (2013.01)

Citation (applicant)

US 6457424 B1 20021001 - MAERZ HERBERT [DE]

Citation (search report)

- [XYI] US 2008241037 A1 20081002 - LINDAU LEIF A V [SE]
- [YD] US 6457424 B1 20021001 - MAERZ HERBERT [DE]
- [A] DE 102008033737 A1 20100121 - SCHWIERZ TORGE [DE], et al
- [A] US 2005072308 A1 20050407 - AOYAGI KOHEI [JP]

Cited by

EP2960578A1; FR3022612A1; EP3395771A1; WO2023212979A1

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

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EP 14156051 A 20140220; FR 1352679 A 20130325