

Title (en)

Method and device for cleaning heating surfaces of a heat exchanger charged with flue gas in a combustion assembly during the operation of same

Title (de)

Verfahren und Vorrichtung zur Reinigung von rauchgasbeaufschlagten Heizflächen eines Wärmetauschers in einer Verbrennungsanlage während des Betriebs derselben

Title (fr)

Procédé et dispositif de nettoyage de surfaces de chauffage alimentées en gaz de fumée d'un échangeur thermique dans une installation de combustion lors de son fonctionnement

Publication

EP 2312255 A3 20140409 (DE)

Application

EP 10013399 A 20101007

Priority

DE 102009048879 A 20091009

Abstract (en)

[origin: EP2312255A2] The method involves passing the cleaning fluid (16) through an opening with a supply line (2). The fluid is cooled by a cooling fluid (14) which flows around the supply line between the outside of the supply line and the inside of the supply line. An independent claim is also included for a device for removal of dirt from heating surfaces of a heat exchanger.

IPC 8 full level

F28G 1/16 (2006.01); **F23J 3/02** (2006.01); **F28D 7/10** (2006.01); **F28F 1/00** (2006.01); **F28F 19/00** (2006.01); **F28G 15/00** (2006.01); **F28G 15/02** (2006.01)

CPC (source: EP)

F23J 3/023 (2013.01); **F28D 7/106** (2013.01); **F28F 1/003** (2013.01); **F28F 19/00** (2013.01); **F28G 1/166** (2013.01); **F28G 15/02** (2013.01)

Citation (search report)

- [XAYI] US 3084373 A 19630409 - BEUSMAN CURTIS C
- [Y] DE 19932539 C1 20000824 - VER ENERGIEWERKE AG [DE], et al
- [X] GB 421286 A 19341217 - HENRY THOMAS WEIS
- [XI] DE 737181 C 19430708 - HERPEN CO KG LA MONT KESSEL

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CN106678846A; RU191520U1; CN113606594A; ITPD20120300A1; JP2016500632A; US10112283B2; WO2014060322A1

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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