

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

Cited by  
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)  
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DOCDB simple family (publication)  
**EP 2312255 A2 20110420; EP 2312255 A3 20140409; EP 2312255 B1 20150107; DE 102009048879 A1 20110421**

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