

Title (en)

Method of and device for cleaning heat exchangers, recovery boilers and combustion chambers

Title (de)

Verfahren und Vorrichtung zur Reinigung von Verschmutzungen in Wärmetauschern, Abhitzeesseln und Brennkammern

Title (fr)

Procédé et dispositif pour nettoyer des échangeurs thermiques, des chaudières de récupération et des chambres de combustion

Publication

EP 2383534 A1 20111102 (DE)

Application

EP 11173818 A 20041220

Priority

- EP 04030137 A 20041220
- DE 10360705 A 20031219

Abstract (en)

The method involves releasing or separating the impurities by a linear blasting between the lines to be cleaned. A pipe is provided with an explosive device in the inner side. A cooling medium is flowed throughable by the pipe, between which lines to be cleaned are inserted. The pipe is destroyed during the blasting. An independent claim is also included for a device for cleaning the impurities in heat exchangers, waste heat boilers or combustion chambers.

Abstract (de)

Verfahren zur Reinigung von Verschmutzungen in Wärmetauschern, Abhitzeesseln und Brennkammern, wobei die Verschmutzungen durch eine lineare Sprengung gelockert und/oder abgelöst werden.

IPC 8 full level

F28G 13/00 (2006.01); **B08B 7/00** (2006.01); **F23J 1/00** (2006.01); **F23J 3/02** (2006.01); **F28G 7/00** (2006.01)

CPC (source: EP)

B08B 7/0007 (2013.01); **F23J 3/023** (2013.01); **F28G 7/00** (2013.01); **F28G 7/005** (2013.01)

Citation (applicant)

- EP 1226881 A2 20020731 - STADTWERKE ROSENHEIM GMBH & CO [DE]
- EP 1067349 A2 20010110 - ZILKA FRANCIS [US], et al
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- "Wärmeübertrager-Reinigungssysteme", vol. 382, 2001, PUBLICO PUBLICATIONS
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EP4160134A1; EP3885686A1; WO2021191373A1

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DOCDB simple family (publication)

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