

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)

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DOCDB simple family (publication)

**EP 1544567 A2 20050622; EP 1544567 A3 20081022; EP 1544567 B1 20110921**; AT E525623 T1 20111015; DE 10360705 A1 20050714; DE 20321732 U1 20090528; DK 1544567 T3 20120116; DK 2383534 T3 20140519; EP 2383534 A1 20111102; EP 2383534 B1 20140219; EP 2682706 A1 20140108; ES 2373655 T3 20120207; PL 1544567 T3 20120229; PL 2383534 T3 20140731

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