

Title (en)
Water cooled grate element

Title (de)
Wassergekühltes Rostelement

Title (fr)
Élément de grille avec refroidissement à liquide

Publication
EP 1760400 B1 20090107 (DE)

Application
EP 06016746 A 20060810

Priority
CH 14522005 A 20050906

Abstract (en)
[origin: EP1760400A2] The unit (1) has oxidizing structures, which are divided into two parallel cooling channels within a burnout surface. The channels are formed as meander shaped water guiding channels by corresponding arrangement of deflecting units (8). The transition from one channel to another channel occurs over an overflowing section, which is free from the deflecting units and runs transverse to a middle axis of both water guiding channels. An independent claim is also included for a method for forming an oxidizing unit.

IPC 8 full level
F23H 3/02 (2006.01); **F23H 17/12** (2006.01)

CPC (source: EP)
F23H 3/02 (2013.01); **F23H 17/12** (2013.01); **F23H 2900/03021** (2013.01)

Cited by
EP3967927A1; WO2022053550A1; CN106439868A; WO2013029680A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1760400 A2 20070307; EP 1760400 A3 20070718; EP 1760400 B1 20090107; AT E420323 T1 20090115; DE 502006002556 D1 20090226; EP 2003396 A2 20081217; EP 2003396 A3 20121107; PL 1760400 T3 20090831

DOCDB simple family (application)
EP 06016746 A 20060810; AT 06016746 T 20060810; DE 502006002556 T 20060810; EP 08165650 A 20060810; PL 06016746 T 20060810