

Title (en)

Coating element for constituent device parts of incinerators

Title (de)

Verkleidungselement für Vorrichtungsteile von Verbrennungsöfen

Title (fr)

Élément de revêtement pour des pièces constitutives d'incinérateurs

Publication

EP 2381174 B1 20150408 (DE)

Application

EP 10191539 A 20101117

Priority

CH 5752010 A 20100421

Abstract (en)

[origin: EP2381174A1] The element has lower and upper plates (1, 2) made from steel and arranged at a top part, where the plates are tightly bonded with each other in edge areas. A meandering channel (3) is formed between the plates for guiding a cooling medium through the cladding element. The upper plate or lower plate is designed as a milled sheet with a meandering milled slot (4) that forms the channel, where a side of the upper plate facing away from the lower plate comprises a weld plating (5). The channel has channel sections running over entire length and breadth of the element.

IPC 8 full level

F23H 3/02 (2006.01)

CPC (source: EP US)

F23H 3/02 (2013.01 - EP US)

Citation (examination)

- EP 1355112 A1 20031022 - SEGHERS KEPPEL TECHNOLOGY GROU [BE]
- JP H074634 A 19950110 - HITACHI SHIPBUILDING ENG CO
- DE 3820448 A1 19891221 - THYSSEN EDELSTAHLWERKE AG [DE]

Cited by

CH713352A1; EP3715715A1; US9816702B2; EP2881663B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 2381174 A1 20111026; EP 2381174 B1 20150408; CH 703063 A1 20111031; JP 2011237166 A 20111124; US 2011259252 A1 20111027; US 8661994 B2 20140304

DOCDB simple family (application)

EP 10191539 A 20101117; CH 5752010 A 20100421; JP 2011093023 A 20110419; US 201113081025 A 20110406