

Title (en)

Lining for a finned tube wall of a combustion oven

Title (de)

Verkleidung für eine Flossenrohrwand eines Verbrennungsofens

Title (fr)

Habillage pour une paroi tubulaire à ailettes d'un four de combustion

Publication

**EP 2388521 A3 20140806 (DE)**

Application

**EP 11166492 A 20110518**

Priority

DE 102010029202 A 20100520

Abstract (en)

[origin: EP2388521A2] The lining has plates (4) formed as molded articles from ceramic material and arranged one above the other. A holder (11) includes an anchor (12) extending perpendicular to a finned tube wall (1) in an installed condition and protruding into an edge-open groove (7). The holder has a pin-shaped arm (13) extending in a longitudinal direction of the groove. The arm is designed or positioned without direct contact to an inner wall (10) of the groove, so that an all-round free space (16) is formed between a surface (14) of the arm and the inner wall and filled with a hardenable casting mass (18).

IPC 8 full level

**F23M 5/04** (2006.01); **F23M 5/08** (2006.01); **F27D 1/14** (2006.01)

CPC (source: EP)

**F23M 5/04** (2013.01); **F23M 5/08** (2013.01); **F27D 1/12** (2013.01); **F27D 1/14** (2013.01)

Citation (search report)

- [XD] EP 1032790 B1 20010829 - MOKESYS AG [CH]
- [A] AT E43703 T1 19890615 - CONSTR NAVALES IND [FR]
- [A] EP 1310731 A1 20030514 - MITSUBISHI HEAVY IND LTD [JP]
- [A] DE 102008014984 B3 20090827 - JUENGER & GRAETER GMBH FEUERFE [DE]
- [A] US 4753053 A 19880628 - HEARD NOLAN E [US]
- [A] DEUTSCHE GESELLSCHAFT FEUERFEST- UND SCHORNSTEINBAU: "Feuerfestbau : Werkstoffe - Konstruktion - Ausführung / [Deutsche Gesellschaft Feuerfest und Schornsteinbau e.V.]", 2 September 2003, VULKAN-VERLAG, Essen, ISBN: 3-8027-3149-2, XP002724481

Cited by

EA036228B1; WO2015187007A1; US10415828B2; EP3627052A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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