

Title (en)

INTERIOR BOILER COMBUSTION CHAMBER WALL

Publication

EP 0166133 B1 19890426 (DE)

Application

EP 85105633 A 19850508

Priority

CH 245584 A 19840518

Abstract (en)

[origin: EP0166133A1] 1. Interior boiler combustion chamber wall (2) with panels (10, 11 ; 28, 40), in which stepped lateral surfaces (22, 29, 36) are formed as guide surfaces for blowing out with compressed air and are provided between two adjoining panels (11, 10 ; 40, 28) to form air nozzles (26, 42), characterized in that the air nozzles (26, 42) are slot-shaped and bent (22, 29) and that the nozzles have two opposite nozzle surfaces (22) which are at least approximately parallel to each other and to the main panel surfaces (12, 28), which nozzle surfaces in any operating condition define the narrowest nozzle cross-section, so that said nozzle cross-section remains at least approximately constant with invariant temperature.

IPC 1-7

F23M 5/00; **F23M 5/08**

IPC 8 full level

F23M 5/00 (2006.01); **F23M 5/08** (2006.01)

CPC (source: EP)

F23M 5/00 (2013.01); **F23M 5/085** (2013.01)

Cited by

EP2960579A1; CH710597A1; CH710683A1; US2011146596A1; JP2012500957A; WO2010022523A3; DE202009011076U1; WO2011036631A2; WO2016109904A1; WO2016119069A1

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0166133 A1 19860102; **EP 0166133 B1 19890426**; AT E42631 T1 19890515; DE 3569816 D1 19890601

DOCDB simple family (application)

EP 85105633 A 19850508; AT 85105633 T 19850508; DE 3569816 T 19850508