

Title (en)

PROTECTION DEVICE FOR BOILER WALLS, PARTICULARLY FOR WASTE INCINERATORS, AND METHOD OF MANUFACTURING THE DEVICE

Publication

EP 0281863 B1 19901107 (FR)

Application

EP 88102796 A 19880225

Priority

FR 8702673 A 19870227

Abstract (en)

[origin: US4809645A] Vertical tubes joined to each other by means of welded coupling fins and forming boiler baffles for refuse incinerators are placed between refractory bricks and provided with vertical auxiliary anchoring fins which make an angle of 30 DEG to 60 DEG with the plane of the coupling fins and are interrupted at intervals over vertical sections of the tubes. One portion of the bricks is provided with vertical recesses corresponding to the auxiliary fins over a fraction of their height from the bottom and the other portion of the bricks is provided with vertical recesses up to their full height. The bricks of the first portion are anchored to the top portion of the auxiliary fins and the bricks of the other portion are engaged on these fins above a brick of the first portion.

IPC 1-7

F23M 5/08; F27D 1/12

IPC 8 full level

F22B 1/18 (2006.01); **F22B 37/10** (2006.01); **F23G 5/46** (2006.01); **F23M 5/04** (2006.01); **F23M 5/08** (2006.01); **F27D 1/12** (2006.01); **F27D 9/00** (2006.01)

CPC (source: EP US)

F23M 5/04 (2013.01 - EP US); **F23M 5/08** (2013.01 - EP US); **F27D 1/12** (2013.01 - EP US); **F27D 2009/0027** (2013.01 - EP US); **F27D 2009/0054** (2013.01 - EP US); **Y10S 122/13** (2013.01 - EP US); **Y10T 29/49387** (2015.01 - EP US)

Cited by

CH699405A1; EP1124094A1; GB2340920A; GB2340920B; DE19635292A1; FR2738328A1; DE19635292C2; EP2857750A1; FR3011618A1; WO2010022522A1; WO9853262A1; WO9533956A1

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