

Title (en)

Cooling arrangement for a wall in the medial region of a fluidised bed boiler.

Title (de)

Kühlungsvorrichtung für eine Wand in der Mittelzone eines Dampferzeugers mit Wirbelschichtfeuerung.

Title (fr)

Dispositif de refroidissement de la paroi d'un foyer de chaudière à lit fluidisé dans une zone médiane.

Publication

EP 0477849 B1 19950118 (FR)

Application

EP 91116223 A 19910924

Priority

- FR 9011859 A 19900926
- FR 9103700 A 19910327

Abstract (en)

[origin: EP0477849A1] Cooling arrangement for the wall of a fluidised-bed boiler furnace in a medial region of vertical cross-section having the general form of an inverted V of junction between lower portions in the form of an upturned truncated pyramid above two parallel sole plates (5, 6) and an upper portion of rectangular cross-section, having front (1) and rear (2) faces parallel to the ridge edge (11) of the inverted V and lateral faces (3, 4) perpendicular to this ridge edge, the said wall being fitted with heat-exchange tubes traversed by water or an emulsion of water and vapour, characterised in that the heat-exchange tubes (16, 18, 21, 22) are essentially horizontal and disposed in the side walls of the lower portions in the form of an upturned truncated pyramid in the continuation of the inverted V, and they emerge into tubes (17, 19, 23, 24) covering the lateral faces perpendicular to its ridge edge. <??>Possibility of effecting cooling by natural circulation. <IMAGE>

IPC 1-7

F22B 31/00; **F22B 37/40**

IPC 8 full level

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CPC (source: EP US)

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Cited by

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