

Title (en)
Steam generator combustion chamber and method of manufacturing the same

Title (de)
Dampferzeugerbrennkammer und Verfahren zum Herstellen derselben

Title (fr)
Chambre de combustion d'un générateur de vapeur et son procédé de fabrication

Publication
EP 0621447 B1 19980520 (DE)

Application
EP 93810292 A 19930421

Priority
EP 93810292 A 19930421

Abstract (en)
[origin: EP0621447A1] The steam-generator combustion chamber has vertical walls which possess parallel tubes (2) ascending at a low inclination relative to the horizontal. The tubes (2) are welded to one another in a gas-tight manner by means of fins (7). A plurality of vertical supporting bands (3) bearing on the tubes (2) are provided in a manner distributed over the wall width. Each supporting band (3) has in its middle a plurality of long holes (4) which are distributed over its length and in each of which is arranged a connecting element in the form of a sheet-metal strip (5) cut out in a comb-like manner. Each sheet-metal strip is welded on the one hand to the tubes (2) and webs (7) adjacent to it and on the other hand to the supporting band (3). <IMAGE>

IPC 1-7
F22B 37/64

IPC 8 full level
F22B 37/64 (2006.01)

CPC (source: EP)
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EP 0621447 A1 19941026; EP 0621447 B1 19980520; CN 1076814 C 20011226; CN 1096863 A 19941228; DE 59308581 D1 19980625; DK 0621447 T3 19990315; KR 100310641 B1 20011228; PL 174280 B1 19980731

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EP 93810292 A 19930421; CN 94104279 A 19940421; DE 59308581 T 19930421; DK 93810292 T 19930421; KR 19940008468 A 19940421; PL 30307094 A 19940420