

Title (en)
Wall heat exchanger for boiler furnace

Title (de)
Wandwärmetauscher für Kesselbrennraum

Title (fr)
Echangeur mural pour foyer de chaudière

Publication
EP 1096200 B1 20040324 (FR)

Application
EP 00402678 A 20000928

Priority
FR 9913525 A 19991028

Abstract (en)
[origin: EP1096200A1] The heat exchanger (5), designed to be mounted on the vertical screen wall (M) of a power station generator boiler, consists of a series of vertical tubes (7) extending between the top (H) and bottom (B) of the exchanger and through which steam circulates between an inlet (E) and an outlet (S) at the bottom of the exchanger, with the tubes turning through 180 degrees at the top. The tubes are all aligned in a plane parallel to the screen wall and form alternate rising and falling circuits either individually or in small groups.

IPC 1-7
F22G 1/06; **F22G 3/00**; **F22B 21/30**

IPC 8 full level
F28F 1/00 (2006.01); **F22B 21/30** (2006.01); **F22G 1/06** (2006.01); **F22G 3/00** (2006.01)

CPC (source: EP KR)
F22B 21/30 (2013.01 - EP); **F22G 1/06** (2013.01 - EP); **F22G 3/00** (2013.01 - EP); **F28F 1/00** (2013.01 - KR)

Designated contracting state (EPC)
DE ES FI FR GB

DOCDB simple family (publication)
EP 1096200 A1 20010502; **EP 1096200 B1 20040324**; DE 60009230 D1 20040429; DE 60009230 T2 20050414; ES 2214235 T3 20040916; FR 2800440 A1 20010504; FR 2800440 B1 20011130; KR 20010067361 A 20010712

DOCDB simple family (application)
EP 00402678 A 20000928; DE 60009230 T 20000928; ES 00402678 T 20000928; FR 9913525 A 19991028; KR 20000063407 A 20001027