

Title (en)
BOILER STRUCTURE

Title (de)
KESSELSTRUKTUR

Title (fr)
STRUCTURE DE CHAUDIÈRE

Publication
EP 2233833 A1 20100929 (EN)

Application
EP 08765748 A 20080619

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Abstract (en)
A boiler structure capable of efficiently alleviating or preventing corrosion and slagging on furnace walls in a furnace is provided. A circulating firing boiler structure is configured so that fuel and combustion air supplied into a furnace (11) from burners (12) disposed at a plurality of positions on furnace walls (11a) forming a rectangular cross section are combusted so as to form a swirling flow. Air-supplying parts (20) are disposed near flame-affected portions of furnace wall surfaces, where flames formed by the respective burners (12) approach or contact, to form regions having a higher air concentration than the peripheries thereof.

IPC 8 full level
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