

Title (en)

STEAM-GENERATOR FURNACE

Title (de)

BEFEUERTER DAMPFERZEUGER

Title (fr)

CHAUDIERE D'UN GENERATEUR DE VAPEUR

Publication

**EP 1898150 A4 20100811 (DE)**

Application

**EP 05851138 A 20051220**

Priority

- RU 2005000689 W 20051220
- RU 2005119144 A 20050603

Abstract (en)

[origin: WO2006130041A1] The invention relates to furnace devices for powerful power-generating units and can be used for the heat and electric-power industry. The inventive steam-generator furnace comprises a vertical annular combustion chamber, which is formed by external and internal tubular screens, embodied in the form of concentrically arranged equilateral prisms. Burners and secondary air nozzles are placed in the bottom part of the furnace on the external screen faces tangentially to a conventional circle. Said burners and nozzles are movably arranged on the same plane and unidirectionally oriented in such a way that it makes it possible to adjust the conventional circle diameter. Additional secondary air nozzles are mounted in the top part of the furnace on the faces of the external and internal screens oppositely with respect to the burners.

IPC 8 full level

**F23C 5/32** (2006.01)

CPC (source: EP US)

**F23C 3/006** (2013.01 - EP US); **F23C 5/06** (2013.01 - EP US); **F23C 5/32** (2013.01 - EP US); **F23C 2900/03003** (2013.01 - EP US)

Citation (search report)

- No further relevant documents disclosed
- See references of WO 2006130041A1

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DOCDB simple family (publication)

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