

Title (en)

WALL CONSTRUCTION FOR A BOILER ARRANGEMENT

Title (de)

WANDKONSTRUKTION FÜR EINE HEISSWASSERBEREITERANORDNUNG

Title (fr)

CONSTRUCTION DE PAROIS POUR UN DISPOSITIF DE CHAUDIÈRE

Publication

**EP 2547958 A2 20130123 (EN)**

Application

**EP 11715036 A 20110316**

Priority

- US 72640610 A 20100318
- IB 2011051099 W 20110316

Abstract (en)

[origin: US2011226195A1] A wall construction for a boiler arrangement. The boiler arrangement is formed of at least a furnace and a separator. The furnace has a grid, a bottom part, and an upper part. The separator is arranged by conduits in flow communication with both the upper part and the bottom part of the furnace. The conduits, together with the separator, form an external circulation of bed material. The upper part of the furnace has four vertical walls, and the bottom part of the furnace has a height and four walls extending from the grid up to the vertical walls. The wall construction includes at least one hollow beam being attached to a wall of the bottom part of the furnace and extending substantially over the entire height of the bottom part, and the at least one hollow beam being in flow communication with the external circulation for returning bed material into the furnace.

IPC 8 full level

**F23C 10/10** (2006.01)

CPC (source: EP KR US)

**F23C 10/10** (2013.01 - EP KR US); **F23C 10/18** (2013.01 - EP KR US); **F23C 2206/103** (2013.01 - EP US)

Citation (search report)

See references of WO 2011114297A2

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