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(54) **A circulating fluidized bed reactor chamber**

(57) The invention relates to a fluidized bed reactor chamber made up of peripheral waterwalls (1, 1') constituted by tubes interconnected by fins and having a bottom portion (1A) lined with a layer of refractory material (3A), a top portion (1B), and a zone (1C) referred to as an intermediate zone situated between said bottom and top portions, at least two waterwalls being connected to each other along a substantially vertical edge, and said pe-

ripheral waterwalls in said intermediate zone (1C) being bent outwards angularly relative to the vertical plane defined by the top portion (1B) of each peripheral waterwall. According to the invention a horizontal fraction only of each of said peripheral walls is bent in this way, said fractions being disposed on either side of said edge.

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EUROPEAN SEARCH REPORT

Application Number
EP 07 30 0714

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The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 30 April 2010	Examiner Lepers, Joachim
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**ANNEX TO THE EUROPEAN SEARCH REPORT
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