Title (en)

A FLUID-BED HEAT EXCHANGER, FLUID-BED COMBUSTION REACTOR SYSTEMS AND METHODS FOR THE OPERATION OF A FLUID-BED HEAT EXCHANGER AND A FLUID-BED COMBUSTION REACTOR SYSTEM

Title (de)

WIRBELBETT-WÄRMETAUSCHER, WIRBELBETTVERBRENNUNGSREAKTORSYSTEM UND METHODE ZUM BETREIBEN EINES WIRBELBETT-WÄRMETAUSCHERS UND EINEM WIRBELBETTVERBRENNUNGSREAKTORSYSTEM

Title (fr)

ECHANGEUR DE CHALEUR EN LIT FLUIDISE, SYSTEMES DE REACTEUR DE COMBUSTION EN LIT FLUIDISE ET PROCEDURES D'EXPLOITATION D'UN ECHANGEUR DE CHALEUR EN LIT FLUIDISE AINSI QUE SYSTEME DE REACTEUR DE COMBUSTION EN LIT FLUIDISE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO9602792A2] A fluid-bed heat exchanger (36) constitutes a component of a fluid-bed combustion reactor system (10) for establishing heat transfer from heated particulate material fluidized within the fluid-bed heat exchanger (36) to heat transfer means (62) contained within said fluid-bed heat exchanger. The heat transfer means are internally carrying a heat-transfer medium. The fluid-bed heat exchanger comprises gas inlet means (86) for the introduction of a non-aggressive, substantially oxygen-free gas for the fluidization of said particulate material by means of the non-aggressive, substantially oxygen-free gas for preventing the formation of deposits on the heat transfer means and for preventing the corrosion of the heat transfer means.

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