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(54) Title: REACTOR RISER OF A FLUID CATALYTIC CRACKING PLANT

(57) Abstract

Reactor riser (1) of a fluid catalytic cracking plant, which reactor riser (1) has an axial passageway (5) extending between an inlet end for receiving hydrocarbonaceous feed and catalyst particles and an outlet end for discharging effluent and catalyst particles, which reactor riser is provided with a plurality of contacting devices (6, 7, 8) arranged axially spaced apart in the axial passageway (5), wherein each contacting device (6, 7, 8) comprises a mixing element (10) having the shape of a segment of arc.

