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(54) Title: WIRE STANDOFFS FOR STACKABLE STRUCTURAL REACTORS

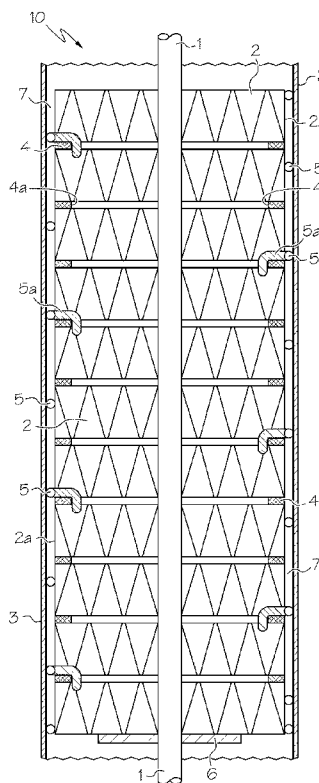


FIG. 1

(57) Abstract: A wire standoff suitable for use in a tubular reactor, such as a reformer, is described. The wire standoff includes a portion or segment positioned between an outer reactor tube and one or more reactor components located within the tube. The reactor components and the outer tube are prevented from coming into directed contact with one another by the positioning of the wire standoff. The wire standoff can be secured to a reactor component at one of its ends or to a washer located between stacked reactor components. Prevention of the reactor components from contact with the outer tube promotes fluid flow through the reactor and can enhance heat transfer and reactor efficiency for carrying out catalytic reactions.



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