

Title (en)
CATALYTIC REACTOR INCLUDING A CELL-LIKE STRUCTURE AND ELEMENTS OPTIMISING THE CONTACT THEREOF WITH THE INNER WALL OF THE REACTOR

Title (de)
KATALYTISCHER REAKTOR MIT EINER ZELLÄHNLICHEN STRUKTUR UND ELEMENTE ZUR OPTIMIERUNG IHRES KONTAKTS MIT DER REAKTORINNENWAND

Title (fr)
RÉACTEUR CATALYTIQUE COMPRENANT UNE STRUCTURE ALVÉOLAIRE ET DES ÉLÉMENTS EN OPTIMISANT LE CONTACT AVEC LA PAROI INTERNE DU RÉACTEUR

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Application
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Abstract (en)
[origin: WO2011067503A1] The invention relates to a catalytic reactor including: a reaction chamber; at least one catalytic structure made up of at least one catalytic cell-like architecture having outer dimensions at most 10% smaller than the inner dimensions of the reaction chamber; an annular space between the inner wall of the reaction chamber and the cell-like architectures; and at least one second structure positioned in the annular space, selected from among: a) a fibrous structure, or b) a structure including at least one metal collar clasping at least one portion of the cell-like architectures and supporting metal fins.

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