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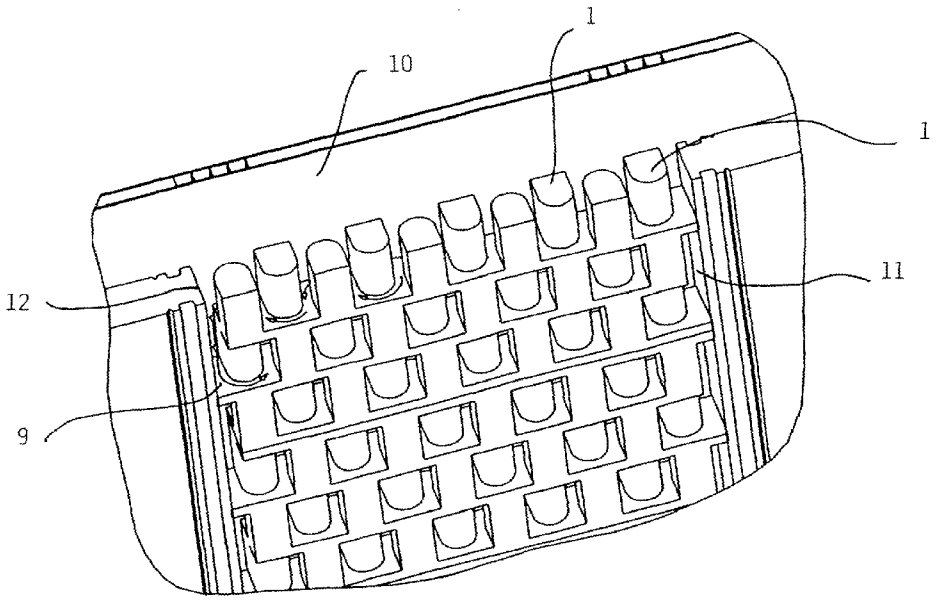
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(54) Title: FLOW DIRECTING INSERT FOR A REACTOR CHAMBER AND A REACTOR



(57) Abstract: A flow directing insert for a reactor chamber in a reactor has a mainly square-shaped cross-section. The chamber has an inlet at one end of the chamber and an outlet at the other end of the chamber and at least one of the walls of the reactor chamber consists of a heat conductive material or of a membrane. The insert comprises a number of units arranged in rows, which units together with the walls of the chamber define a channel for a fluid. The channel extends from a first side of the chamber to a second side of the chamber and back again to the first side backwards and forwards a number of times. The units are arranged such that the fluid is forced to flow between the units in a serpentine path. A reactor comprises at least one reactor chamber containing a flow directing insert as described above.

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