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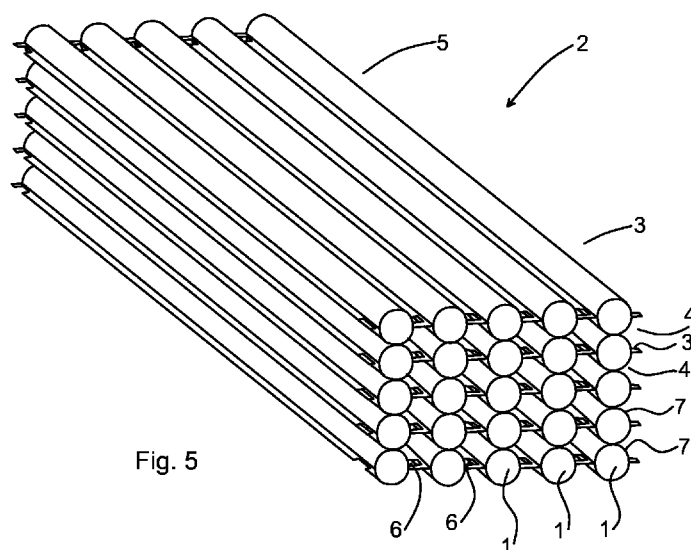


Fig. 5

(57) Abstract: The present invention relates to a method of producing multiple channels (1) for use in a device for exchange of heat or solutes between at least two fluid flows. The invention further relates to such a device. At least a first (3) and a second sheet (4) are comprised. The method comprises the steps of providing at least one of the first (3) and second sheets (4) with at least one profiled surface and joining the first (3) and second sheets (4) together with the profiled surface (s) facing against each other. Channels are formed by the shape of the profiled surfaces.