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(54) Title: COMPOSITE THERMOFORMED TABLEWARE AND PREPARATION METHOD THEREOF

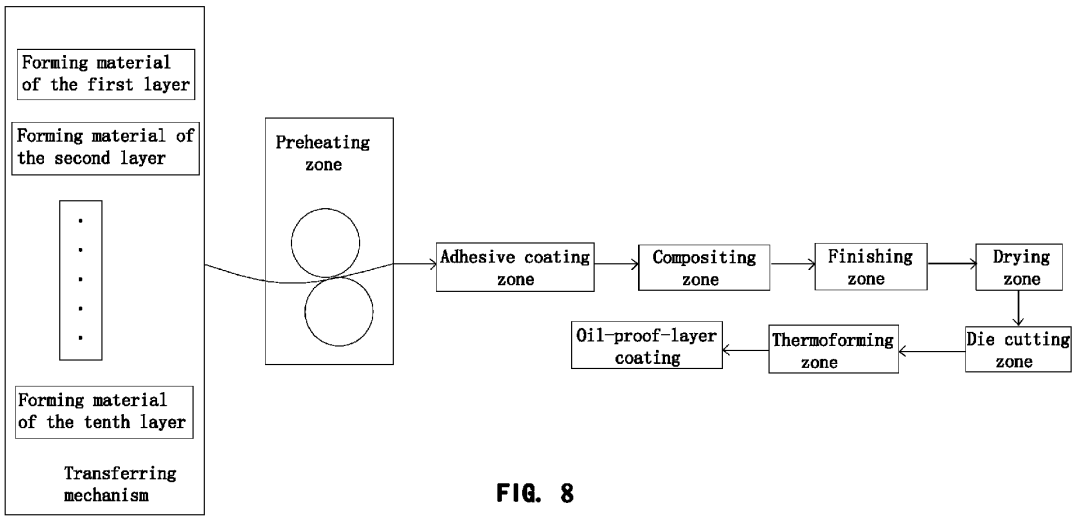

FIG. 8

(57) Abstract: Composite thermoformed tableware and preparation method thereof are provided. The preparation method comprises a preheating step, a compositing step and a thermoforming step in sequence. The preheating step comprises heating multilayer forming materials at a temperature of 35°C to 150°C, and the forming materials comprise one or at least two of paper, plastic and inorganic layer. The compositing step comprises stacking the preheated forming materials to form a composite material. The thermoforming step comprises heat-pressing the composite material at a temperature of 80°C to 150°C and a pressure of 0.05MPa to 0.5MPa to form a three-dimensional body. The tableware is thermoformed by multiple layers of the same material or different materials, so that the thickness and strength of the tableware are higher, the process is simple without complex and complicated procedures, and the production cost is better controlled.

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