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(72) Inventor; and

(71) Applicant: **SUI, Jianjun** [SG/SG]; 1 Coleman Street,
#10-06, The Adelphi, Singapore 179803 (SG).

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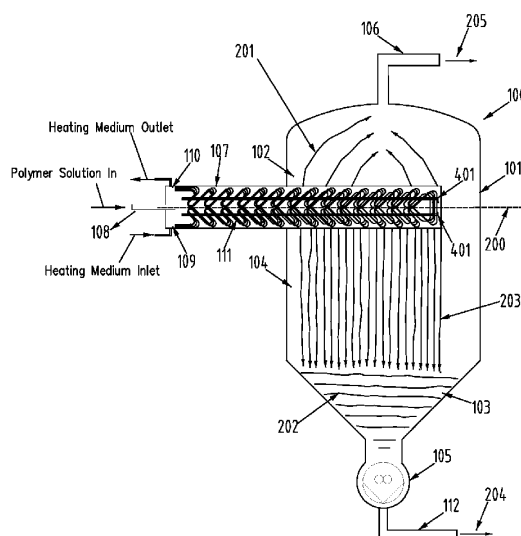


FIG. 1

(57) Abstract: The present invention relates to a devolatilization apparatus (100) for a treatment of a polymer solution, comprising at least one horizontal perforated housing (107) located in the upper regions (102) of a container (101), inside of which housing (107) is equipped with a bundle of tubes (111). Each such tube is coiled into a number of identical loops, which are arranged in the same plane perpendicular to the common center plane (200) and allocated symmetrically on both sides of the center plane (200) in the axial direction of the housing (107). The heating medium flowing to the bundle of tubes (111) serves to transfer heat into the polymer solution which is guided by the loops towards the interior walls of the housing (107). Volatiles are removed upwardly to the top regions of the container (101) while the partly devolatilized polymer is extruded through the perforations in the housing (107) and flows downwardly towards the sump regions (103) of the container (101).

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