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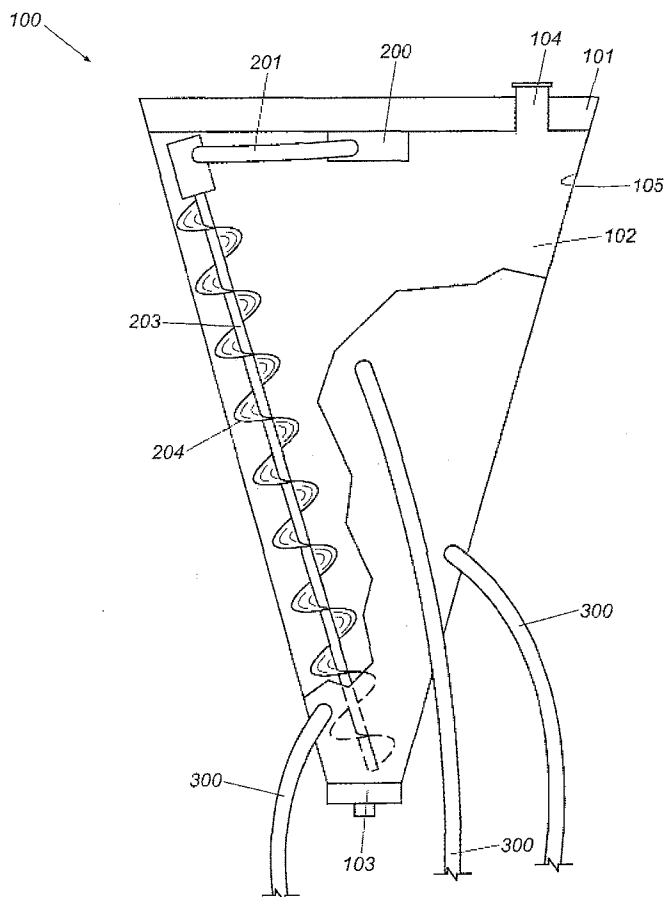
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(54) Title: CONICAL SCREW BLENDER



(57) Abstract: The invention relates to a conical screw
blender (100) which comprises an inverted cone-shaped
vessel (102). The blender also includes a material in-
let (104), a material outlet (103), a driven screw (203)
housed within the vessel, and at least two non-diffuse
gas injection lines (300) attached to the vessel. The con-
ical screw blender of the present invention can be used
not only for the mixing of materials, but also for the dry-
ing of materials.



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