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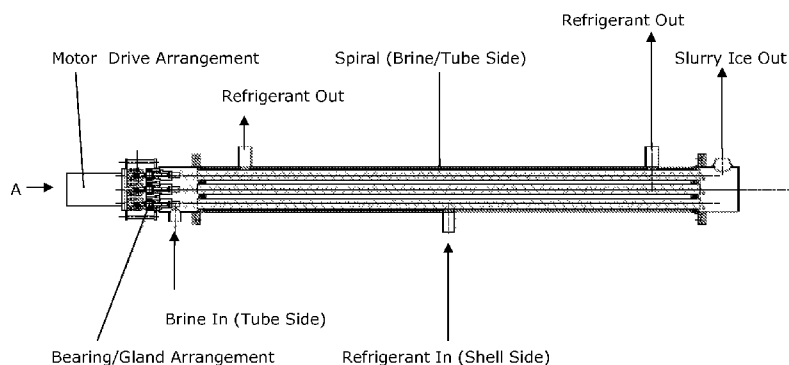
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Figure 1



(57) Abstract: The invention discloses an industrial shell and tube heat exchanger for providing freezing or chilling of brine to produce slurry ice, which includes a shell and tube heat exchanger located in a horizontal position and which includes at least one tube within the shell and tube heat exchanger; and at least one rotatable spiral driven in at least the one tube, and which is adapted to move or pump the brine and slurry ice through the respective tube to ensure individual supply of brine for the production of slurry ice.