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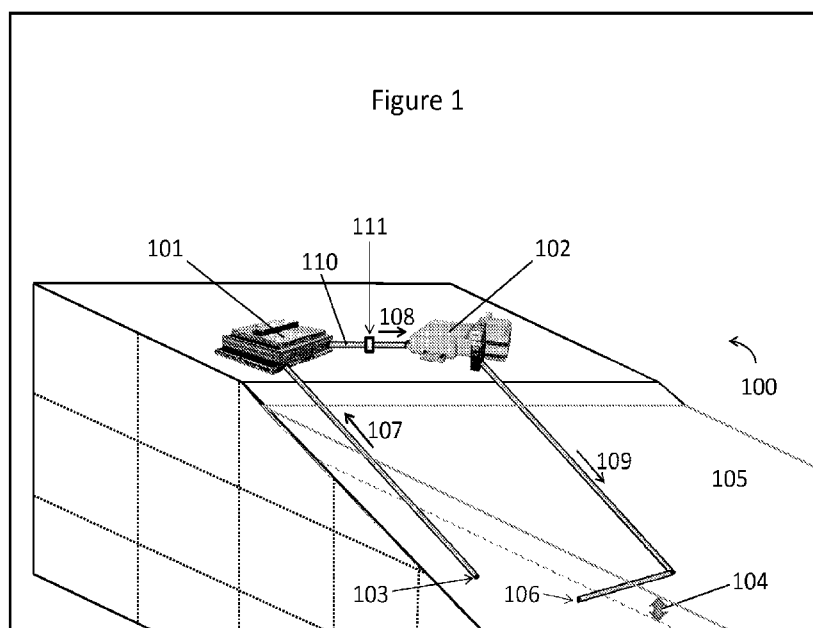
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(54) **Title:** SYSTEMS AND METHODS FOR DATA CENTER COOLING AND WATER DESALINATION



(57) **Abstract:** The present disclosure provides systems for data center cooling and water desalination. In some aspects, the systems include a data center having a water cooling subsystem configured to receive cool water and output warm water and a desalination plant co-located with the data center and configured to receive and desalinate the warm water. Aspects of the invention also include methods for cooling a data center using a water cooling subsystem and desalinating water with a desalination plant that is co-located with the data center.

