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(57) Abstract :

ABSTRACT Smart Hydra-Bottle With Advanced Cooling System The present disclosure describes a smart hydra-bottle with advanced cooling system. It comprises of water bottle 102, bottle lid 200 comprising of peltier thermoelectric chip 202, aluminum sheet 204 , USB cable 206 and copper rod 208. Smart hydra bottle provides portable cooling system that leveraging semiconductor technology to rapidly cool water without the need for refrigeration or ice, ensuring a constant supply of cool drinking water even in challenging environments.

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