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(51) International classification	:F24F0005000000, F28D0020000000, H01L0021670000, F25B0021040000, B01D0035180000	(71) <b>Name of Applicant :</b> <b>1)Chitkara Innovation Incubator Foundation</b> Address of Applicant :SCO: 160-161, Sector - 9c, Madhya Marg, Chandigarh- 160009, India. Chandigarh India
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(57) Abstract :

The present disclosure discloses a temperature regulating device 100 that can regulate temperature of a region 140 by performing heating and cooling of air, and supplying it at the region 140. The temperature regulating device 100 can include air flow units 102 that can enable flow of air into pipes 106, through pipes 106 the air can flow to metallic tubes 110 that can be installed inside earth's surface 120 and underground tank 206. The air can get heated or cooled due to heat exchange taking place with said surface 120 and said tank 206, and the heated/ cooled air can be finally supplied at the region 140 to regulate temperature of the region 140.

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