(12) PATENT APPLICATION PUBLICATION

(21) Application No.202011012479 A

(19) INDIA

(22) Date of filing of Application :23/03/2020 (43) Publication Date : 24/09/2021

(54) Title of the invention: BEVERAGE COOLING DEVICE

(51) International classification	:F25D0031000000, B67D0001080000, G05D0001020000, B67D0001120000, F25D0029000000	
(31) Priority Document No	:NA	1)Dr. Sajjan Singh
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number:NA		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a beverage cooling device comprise of two sensor 1 mounted on a container 3 for detecting the temperature of a beverage poured in the container, a control unit installed with the sensor 1 for processing data received from the sensor 1 and generate a command signal, a motor 2 linked with the control unit for cooling the beverage upon receiving the command signal to avoid accidental burns from the beverage, two LED 4 installed in the device and connected with the control unit in order to indicate hotness/coldness of the beverage to the user by glowing red when the beverage is hot and glowing green when the beverage is cold.

No. of Pages: 9 No. of Claims: 6