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(57) Abstract :

ABSTRACT The present disclosure introduces a smart cold coffee cup 100 which is a portable and innovative device designed to revolutionize the enjoyment of cold beverages on the go. This invention features a stainless steel body 102 housing a shaker spring 104 for thorough mixing of coffee, along with a Peltier thermoelectric chip 106 with an aluminium sheet 108 for rapid cooling. A USB connector 110 powers the cooling mechanism, while a push button 112 on the lid facilitates pouring the coffee powder from the coffee container 114 to cup. Reference Fig 1

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