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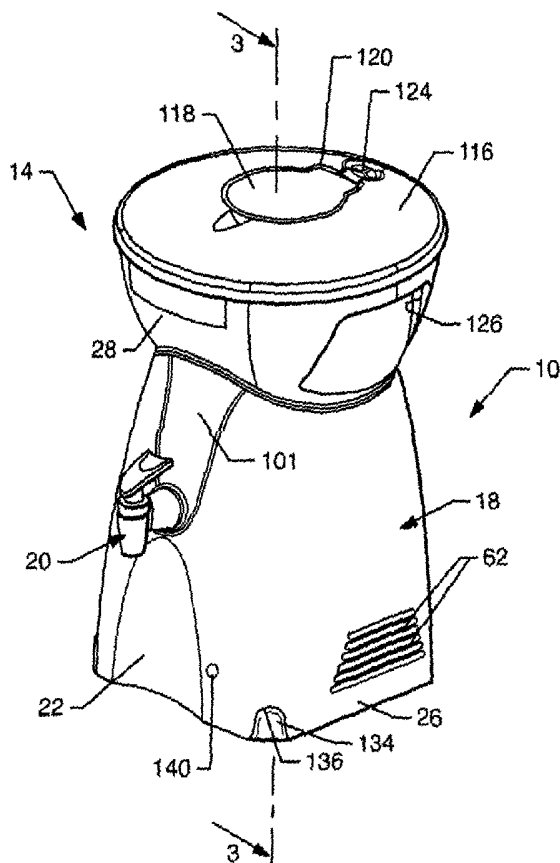
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(54) Title: THERMOELECTRIC BEVERAGE COOLER



(57) Abstract: A beverage cooler (10) is provided with an improved thermoelectric chiller unit (16) for chilling a supply of water or other selected beverage within a cooler reservoir (14). The improved thermoelectric heat transfer module (12) captured by a spring mount with substantially uniform pressure distribution between a chiller probe (36) for chilling water within the cooler reservoir, and a heat exchanger for dissipating heat drawn from the chilled water. The cooler reservoir has a faucet (20) mounted thereon for on-demand dispensing of the water, and is mounted as a removable unit within a cooler housing with a bottom wall of the reservoir defining an inverted cup-shaped receptacle (34) for close slide-fit reception of the chiller probe.



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INTERNATIONAL SEARCH REPORT

International application No.

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A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : F25B 21/02; B67D 5/62
US CL : 62/3.64, 3.6, 389, 393

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 62/3.64, 3.6, 389, 393

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X --- Y	US 6,237,345 B1 (KALMAN et al) 29 May 2001 (29.05.2001), FIGS. 3 and 7, elements 22, 33 and 42 ----- FIG. 3, elements 22 and 33	1-3, 15, 18 and 19 ----- 26 and 29
X --- Y	US 5,572,872 A (HLAVACEK) 12 November 1996 (12.11.1996), entire document; FIGS. 2, 4, elements 16, 26 ----- FIG. 4, element 26	1, 2, 6, 10, 19 ----- 16
X,P --- Y,P	US 6,370,884 B1 (KELADA) 16 April 2002 (16.04.2002), entire document; FIG. 5, element 90; FIG. 9, element 94 ----- FIG. 5, element 109; FIG. 3, element 20	1, 2, 6, 7 and 19 ----- 5, 11 and 27

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

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"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
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