

Title (en)  
HEAT TRANSFER DEVICE

Title (de)  
WÄRMEÜBERTRAGUNGSVORRICHTUNG

Title (fr)  
DISPOSITIF DE TRANSFERT DE CHALEUR

Publication  
**EP 1049902 A1 20001108 (EN)**

Application  
**EP 99902669 A 19990125**

Priority  

- GB 9900255 W 19990125
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Abstract (en)  
[origin: WO9937958A1] A heat transfer device (10, 110, 210, 30, 270, 290, 300, 410, 510, 610, 710) for cooling or heating a beverage (12, 112, 244, 255, 295, 303, 314, 374, 422, 520, 622, 714) contains a refrigerant (22, 122, 212, 241, 252, 276, 334, 371, 632) and a refrigerant take up agent (18, 118, 222, 214, 277, 301, 335, 373, 418, 514, 614). The device (10, 110, 210, 30, 270, 290, 300, 410, 510, 610, 710) further includes operative means (26, 28, 126, 215, 242, 253, 271, 293, 294, 302, 370, 432, 528, 638, 726, 732) for allowing evaporation of the refrigerant (22, 122, 212, 241, 252, 276, 334, 371, 632). The take up agent (18, 118, 222, 214, 277, 301, 335, 373, 418, 514, 614) takes up the evaporated refrigerant (22, 122, 212, 241, 252, 276, 334, 371, 632) such that heat absorbed on evaporation of the refrigerant (22, 122, 212, 241, 252, 276, 334, 371, 632) is evolved at the take up agent (18, 118, 222, 214, 277, 301, 335, 373, 418, 514, 614) to enable heat to be transferred to or from a material (12, 112, 244, 255, 295, 303, 314, 374, 422, 520, 622, 714) to be heated or cooled. The take up agent (18, 118, 222, 214, 277, 301, 335, 373, 418, 514, 614) may be an absorbent or adsorbent.

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IPC 8 full level  
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