

Title (en)
HEAT TRANSFER DEVICE

Title (de)
WÄRMEÜBERTRAGUNGSVORRICHTUNG

Title (fr)
DISPOSITIF DE TRANSFERT DE CHALEUR

Publication
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Application
EP 99902669 A 19990125

Priority

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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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