

Title (en)

Installation and process for producing cold and adjusting air temperature, and thermal exchange device usable in such an installation

Title (de)

Anlage und Verfahren für die Produktion von Kälte und für die Regelung der Lufttemperatur und Vorrichtung zum Wärmeaustausch für diese Anlage

Title (fr)

Installation et procédé de production de froid et de réglage de température de l'air et dispositif d'échange thermique utilisable dans cette installation

Publication

EP 1734318 A1 20061220 (EN)

Application

EP 05425423 A 20050613

Priority

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Abstract (en)

The invention refers to a thermal installation (1) comprising a closed circuit (2), wherein a working fluid carries out a thermodynamic cycle, comprising a plurality of thermal user points (5), at which said working fluid is at a temperature suitable for the heat exchange with at least one unit (9) for adjusting air temperature of an environment (A) and at least one of a deep-frozen or frozen food conservation unit (7) and a fresh food conservation unit (8). The invention also refers to a heat exchange device (4) that can be used in the aforementioned thermal installation (1) and to a thermodynamic process for producing cold and adjusting air temperature of environment (A) that can be actuated through such an installation.

IPC 8 full level

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Citation (search report)

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